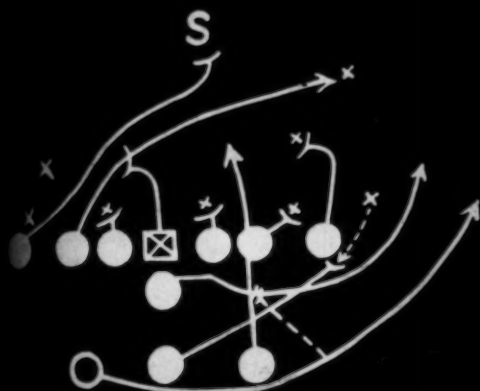
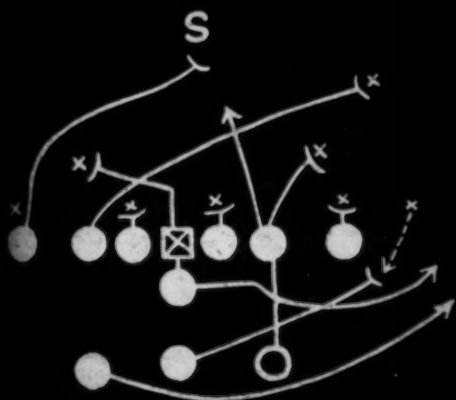


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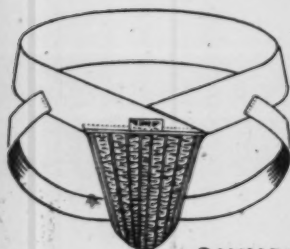
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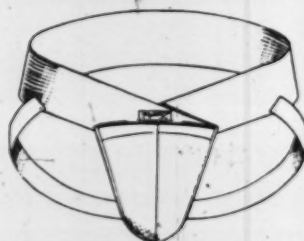


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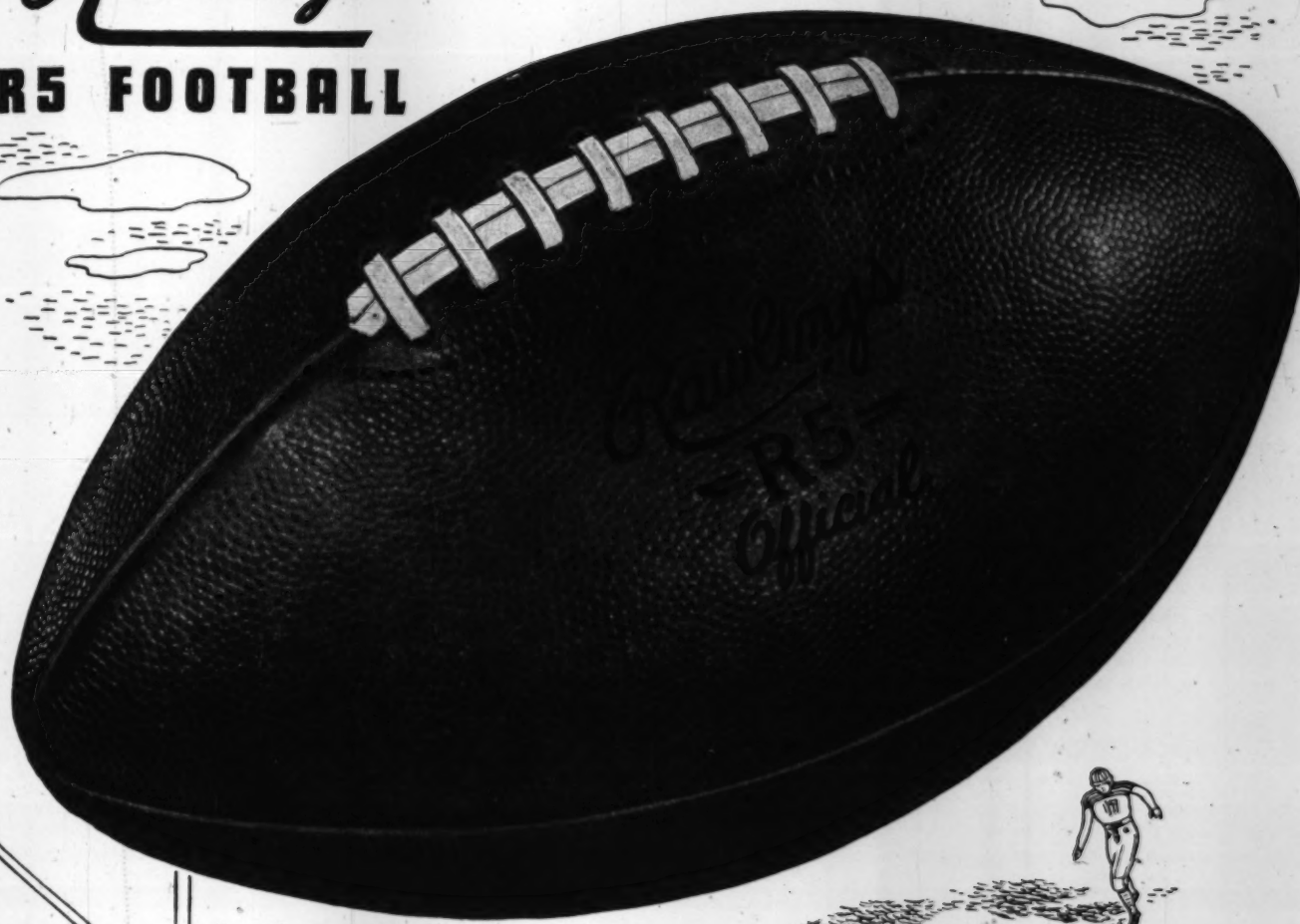
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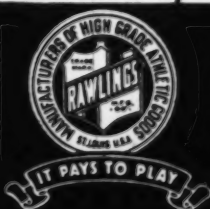
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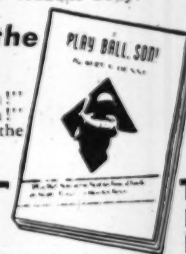
The sound-film covers the fundamentals of hitting, throwing, fielding and pitching and is accompanied by 4 silent "shorts" which break down these four fundamentals still further with even more detailed slow motion and controlled speed shots. These "shorts" are clearly subtitled so that you can easily add your own coaching commentary.

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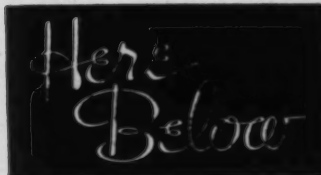
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IT'S WILSON TODAY IN SPORTS EQUIPMENT



Mission to New Haven

WHEN it comes to zealous soft-collar workers, you've got to doff your chapeau to football coaches. They're astonishing people. To a job compounded of blood, sweat and fears, they manifest the fervor of Salvation Army drum-thumpers.

What other manner of man is willing, seven Saturdays a fall, in rain, snow or gloom of night—to die a thousand undignified deaths on an unupholstered bench surrounded by screaming merchants of venom?

The truth is, football coaching is a labor of love. Grouse though they may of microscopic salaries and loaded academic schedules, our grid buddhas are secretly in love with their jobs. That's why they're always doodling around with mysterious little O's and X's. That's why they'll talk football at the drop of an eyebrow.

In all our safaris, we've never met a football coach who took his job lightly.

A RECENT trip to Yale confirmed our nice impression of the coaching brethren. We descended upon New Haven laden with a bundle of action pictures for Howie Odell.

As we approached his office, a man-in-motion erupted out of the doorway—a figure built on the proportions of a comfort station and packed just as solidly. For some reason, he was flailing his arms wildly and yelling back over his shoulder. That was our introduction to Reggie Root, Yale's assistant coach.

After detouring around the road block, we entered the office. We discovered the entire staff huddled around a blackboard, keenly scrutinizing the chicken tracks of a sure-fire touchdown play. Reggie, it seems, was whirling happily through the eleven assignments.

The fellow who looked least like a football coach turned out to be Odell. Small, light and surprisingly boyish-looking, Howie looks more

like an English-lit major than a former Pitt fullback who is now considered one of the superior masterminds in the profession. He proved to be as nice and unaffected a person as you can hope to meet.

When we explained our errand, he called the entire staff together. "Fellers," he said, "here are the pictures *Scholastic Coach* took of our boys last spring. Let's see what we can make of 'em."

After splashing the pictures all over the landscape, the T beagles went to work. They quickly assorted the pictures into sequences, then pointed out the highlights here and there. Reggie, a tower of helpfulness, labeled each sequence for us, explaining the numbering system at the same time.

By this time, Howie was ready for a private audition. He took us into an adjoining chamber, and, in between endless phone calls, diagrammed his plays exactly as he teaches them to his players.

As more and more of his system unfolded before our eyes, we thought it only fair to warn him. "Look," we said, "this stuff is great. But it's all going to appear in print. Don't you think you ought to make a couple of small changes? After all, the Harvards and the Princetons get our magazine, too."

Howie grinned. "Don't let it bother you. They know our plays better than we do."

THE phone rang again. It was his brother, Bob. After a long conversation, Odell turned to us, looking a little perturbed.

"What do you think of that?" he said. "Before Bob entered the service, he was the greatest college player in the country. Made every all-America. Now the pros are after him. You know the fancy prices they are paying these days. Well, a certain pro team wants him to sign a contract—for only \$5,000!"

"Since I had always wanted Bob to come up here and help me with the coaching, I told him to turn the offer down."

We put in our two cents. "Why don't you tell him to try the other league? They'll probably offer twice as much."

"Well, Bob is a good kid, and he promised that certain club he would play for them. Anyway, it isn't only the money that's bothering him. He feels the offer is a reflection on his ability. If that's all the pros think of his ability, he doesn't want to play the game. I reassured him on that score."

IN common with all the other coaches we've talked to in recent months, Howie believes the 1946 season will produce an enormously improved brand of football. The colleges will have a lot of boys back from service. And these boys will have two or three years of additional maturity with all its advantages in extra toughness, size and strength.

The Yale coach also looks forward to a rising tide of touchdowns. The loose, flexible offense is here to stay. The kids like it, put more into it.

As an example of the ground-gaining prolificacy of the wide-open game, Howie cited his team's first-down average last season—18 per game! And Yale wasn't exactly a holy terror in '45.

Although Yale switched to the T years ago, Odell evidently still carries a torch for the single wing. He told us that single-wing teams are going to gain more ground than ever.

His logic is arresting, if not entirely convincing. He says that in the old days, the single wing was more or less the standard offense. Thus, everybody was thoroughly familiar with its mechanics and knew how to protect against it.

Today, with our girdirons being flooded with T, our defensive masterminds are working overtime building levees against it. With the accent, thus, on T defense, the single wing should be able to wreak a great deal more damage.

(Continued on page 38)

Let increased attendance pay for your sports lighting



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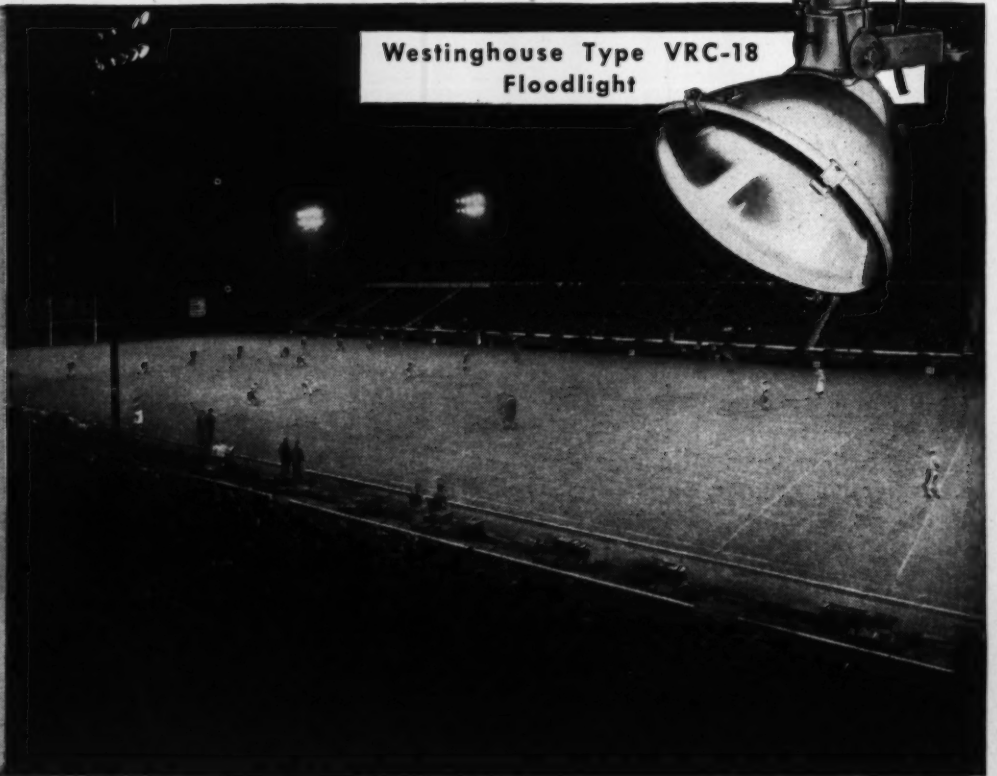
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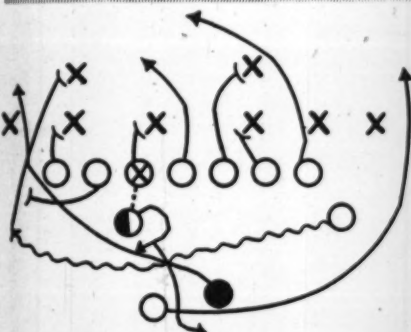
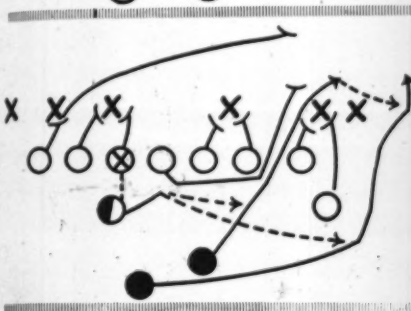
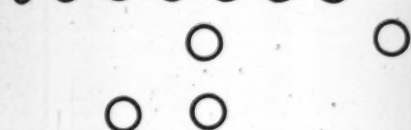
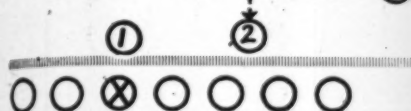
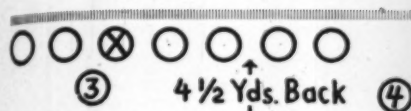
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2 in 1 *Offense*

by BRUCE M. FISHER



Liking the T but not quite sold on it as an offense by itself for high school teams, Bruce M. Fisher, athletic director and coach at Bedford (Pa.) High School, incorporated the best features of the T into his regular formation and, with this modified T single wing, went through the 1945 season unbeaten, scoring 326 points to his opponents' 61

DURING the 1945 football season, I observed many schoolboy clubs struggling with the T formation when they could have done much better with something else.

I believe the T has been oversold as a "simple" offense "anyone" can use. I am also convinced that only the school blessed with exceptional material can make it work successfully.

I used the system as early as 1928 and found then, as I find now, that it is weak, especially from the 20-yd. line to the goal line, unless you have a line that is good at individual blocking, a halfback with above average speed and ability, a fullback who can pick and often make his own holes, and a quarterback who can handle the ball and use a wide assortment of plays at the right time.

The average high school does not possess all this talent and, as a re-

Left, top to bottom: Diagrams 1, 2, 3 and 4 (see story for technical details).



Line-up of semi-T showing how wingback may set up outside end (top) or inside (bottom) for reverses, passes and traps.

sult, cannot make a straight T go.

This is readily proven by the success of Shaughnessy at Stanford as compared to his lack of success with the same system at Pitt and Maryland. It was not a case of not knowing how to teach the system, as much as not having the material to make the system work.

Through experience, I have found that a combination of T and single wing is much better for the average high school. The material is much better adapted to the unbalanced-line semi-T formation, which combines the open play of the T with the power of the unbalanced-line single-wing attack.

The timing of the plays is very similar to the T, since the positions of the backs are similar, with the wing or No. 4 back shifted outside tackle or end as the play demands.

The position of the quarter is somewhat different. Although he

(Concluded on page 28)



The quarterback lines up in half-spin position with left foot forward and left hand in the center's crotch. The ball-snapper grips the ball with one hand and grounds the other for balance.



Backfield alignment: The fullback and halfback take positions enabling them to receive direct snaps; they set up far enough apart to allow the quarter to move through on triple spinners.

WHAT MAKES

For precision, power and imposture, the Army T is a work of art as you can see for yourself in these two graphic sequences. Blanchard (No. 3), Davis (No. 4) & Co. in action. The adroit guard is Tucker (No. 1) and the right guard, all-American Jack G.

Sauer plows in, Blanchard-Davis go right



Tucker fakes to Sauer and pivots to rear



Tucker wafts a short lateral to Davis

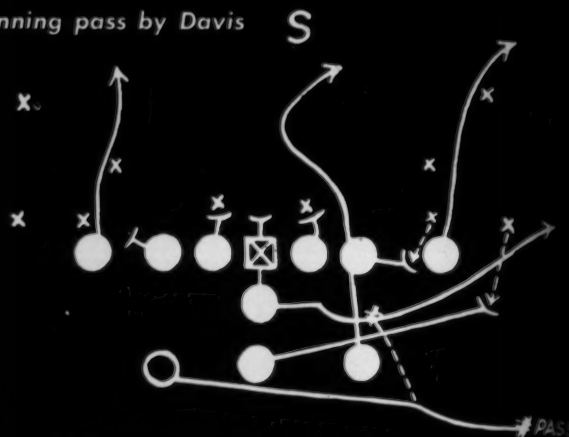


Blanchard moves in on the defensive end



Tucker races inside block and goes down

Running pass by Davis



Davis fades out and readies ball for pass


ARMY RUN



1
Davis (l.h.) goes in motion to the right



2
Sauer (r.h.) drives in, Blanchard fakes right



3
Davis fakes and Green (r.g.) pulls out



4
Tucker gives to Blanchard and fakes on back



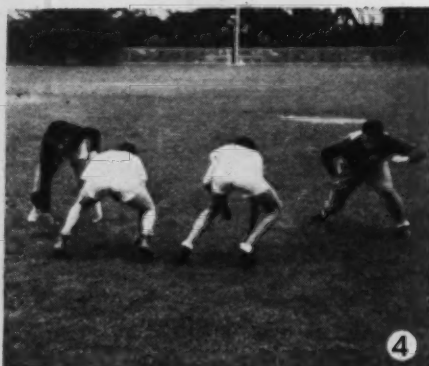
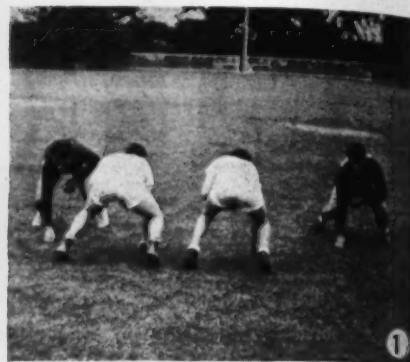
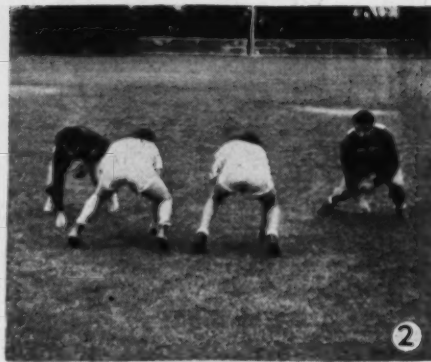
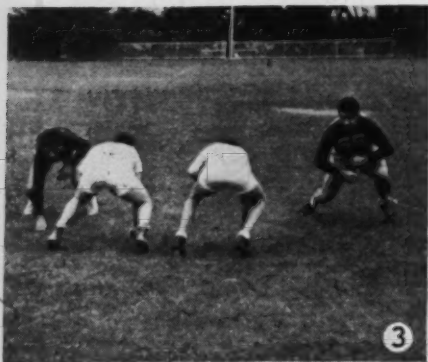
5
Tackle takes end, offensive end hits tackle

6

3

5

4



Block That Kick!

by CHARLIE AVEDISIAN

MOST football coaches studiously ignore the science of blocking punts. Consequently, it has become something of a lost art. Our grid teachers think it is just too tough, and hence refuse to spend any time on it.

Blocking punts is tough, all right, but quite within the realm of the high school team. Coaches who'll devote part of one day a week to setting up various defensive plays against place-kicks and punts, will reap nice dividends. A blocked punt may well win a hard-fought game when your passing and running attack is faltering.

In 1943, the New York Giants led the league in blocking punts and won their share of games via this method. That year the writer blocked a punt against the Brooklyn Dodgers and scored a touchdown.

As an undergraduate at Providence College under Hughie Devore, the writer devised a means of blocking kicks which has stood the test of battle and proven an unqualified success.

It all started against the University of Niagara when the writer

A former all-America lineman at Providence College and an all-league guard with the New York Giants, Charlie Avedisian now coaches the Horace Mann School for Boys (New York).

blocked an attempted field goal and ran 86 yards for a touchdown—longest in collegiate ranks for the 1939 season. **Diag. 2** shows how it was done.

The use of body fakes plus speed and power are the stock weapons against punts. The first time your team lines up against an opponent in an obvious fourth down punt situation, line-up in the normal defensive set up (**Diag. 1**) with the left end one yard inside the end, left tackle off the outside shoulder of halfback, two guards opposite the opposing guards, the right tackle outside blocking back, and the right end inside the offensive end.

At the snap, they should try their best to smash through and prevent the punter from getting the ball off. It cannot be denied that this antiquated system will work on occasions. But as it stands now, most high school and college elevens anticipate this defense and therefore

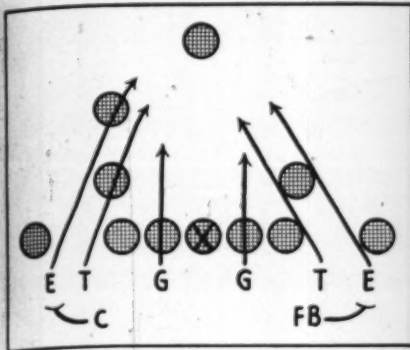


Diagram 1

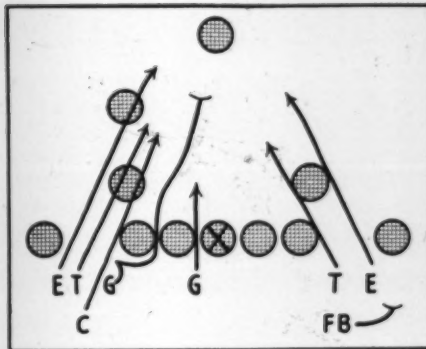


Diagram 2

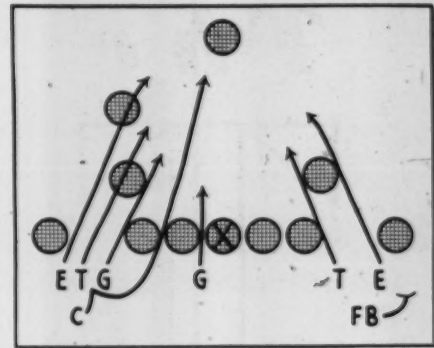


Diagram 3

practice against it so that they can thoroughly cope with it.

When the next kicking situation presents itself, line up in the abnormal defensive position outlined in **Diag. 2**. With the left end, tackle, and both guards out of position, the offense will be puzzled by the overshift to the strong side.

Here the end and tackle must charge in with full power and put pressure on the backs, so that they do not interfere with the guard. The latter makes a short charge forward, at the same time faking to his left. He then quickly charges back to his right into the vacated spot between the offensive strong-side tackle and guard.

Your right guard overshifts into the spot between the center and guard. At the snap, he charges straight ahead in order to force the offensive guard to block his charge. In this way, he widens the gap between himself and the left tackle.

The right tackle and end merely charge across in their normal manner.

The strong-side backer-up (center) lines up behind his left tackle, and moves forward trying to break in between the two offensive backs who are working against the tackle and end.

This play can be worked until the kicking team becomes aware of what is going on. When that occurs, switch into the setup shown in **Diag. 3**, which is similar to **Diag. 2**.

The purpose of the play obviously is to make the opposing right tackle close the slot in the gap to his left. He will do that automatically, since on the preceding punt plays the defensive left guard maneuvered him out of position.

In **Diag. 3**, all the defensive line-men charge in the same vigorous manner, except for the left guard and center.

The left guard crashes over the right shoulder of the tackle, compelling him to watch his outside, and at the same time pulling the tackle out of position with a high body block.

The defensive center takes one step forward, as if to charge behind or alongside the tackle, then cuts back to his right into the spot between the kicking team's right guard and tackle. He then promptly proceeds to block the attempted punt with both arms crossed so that the ball will not hit him in the face.

Diag. 4, a variation of 2 and 3, is a perfect follow-up in the late stages of the game, especially after you have had earlier success in blocking punts.

Diag. 5 outlines an effective setup against placements.

The end and tackle crash in over the wingback, the guard feints and drives in between the offensive end and tackle, while the other guard hits through the tackle. The offensive end is very much on the spot. If he shoves over to take the guard,

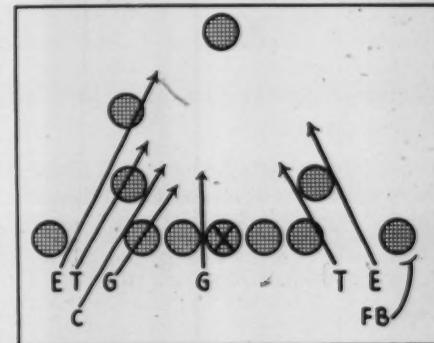


Diagram 4

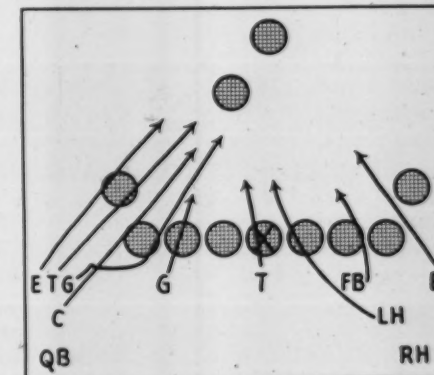
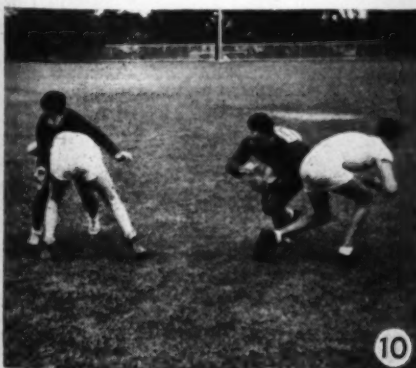


Diagram 5

the backer-up (center) can run up the alley. If he waits for the center, the guard may sift through.

Simple plays such as these stimulate coaching and playing in general, and at the same time re-vitalize a dull phase of football—the art of blocking punts and place-kicks.



10



11

After the offensive tackle has been lured to his right a few times by straightaway charges, the defensive guard can fool him by feinting outside and sneaking up the alley to the kicker. The stunt is demonstrated here by its originator, Charlie Avedisian, former all-pro guard. He takes a short step to his left, feints sharply with his head and shoulders, then quickly recovers and charges up the middle. See **Diags. 2 and 5** for the coordinated team plays.

The BEARS' T STYLE

by GENE RONZANI and ARMAND LEMBO

After observing and playing under different types of T formations, Gene Ronzani, backfield coach of the Chicago Bears, and Armand Lembo, assistant coach at Barringer High School, Newark, N. J., are convinced that the Bears' T has 'em all beat . . . and offer an outline on some of its basic components.

THE modern T is a quick type of offense. The quick-opening plays, the man in motion, and the faking of the backs beautifully conceal the ball and the point of attack.

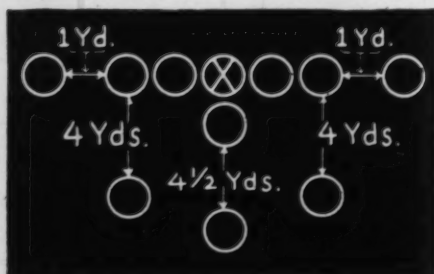
But the T itself doesn't produce touchdowns. You must have the right kind of material to implement it—a fast, hard-running fullback; a slick ball-handling quarterback who can pass; fleet, quick-starting halfbacks who are good fakers, good pass receivers, and dangerous in the open field.

All this sounds like a big order. And it is. You cannot master the T in one year. You must work constantly on it. The wise coach employs just a few plays the first year; then adapts his formation to his material.

A team well coached and proficient in the rudiments of the game is hard to beat even if its plays are not too well conceived or mastered. Too many coaches neglect the important fundamentals to spend wasteful hours on fancy plays.

The basic T is outlined in **Diag. 1**. The ends are cut off one yard from

Diag. 1, Basic T



the tackles. The tackles and guards play close together, giving the center of the line enough strength to hold for power plays inside the ends.

The halfbacks line up on the outside leg of their tackles, about four yards behind them. The fullback sets up four and a half yards directly back of the center.

The backs assume a crouch position, with hands on knees and eyes fixed straight ahead. This stance gives them balance on either side. The three-point stance, which some coaches prefer, is not conducive to the various fakes and feints.

Your center is a very important cog in this offense. His stance is simple. He spreads his feet about shoulder-width apart, leaning a little forward, bending his knees, keeping his head up, bulling his neck, and looking straight ahead.

While he should avoid looking at his opponent, he should find out where he is playing so he can know where and how far he must go to take him.

He should have little trouble in blocking, since he usually has no one in front of him. He can either go down-field, stay in the line to block, or screen-block the backers-up.

The end must vary his style of play more than any other lineman. He should know the distance to go on every down. He must use all his knowledge and never relax mentally or physically. If he does make a mistake, the consequences will be more harmful than if the center, guard or tackle were outwitted.

The quarterback is both the back-

bone and the brains of the T. He lines up behind center, placing his right hand, with fingers spread well forward under the center's crotch. His left hand is just below the right, with fingers comfortably spread and pointing downward, giving the center a pocket into which to place the ball.

The center passes the ball without looking. He twists his wrist to the right so that the ball comes up in a vertical line. This enables the quarter to pass or fake without fingering the ball into position.

The quarter must keep his right hand under the center's crotch until the ball is received. Quarters who withdraw their hands too fast in their eagerness to start the play, frequently fumble.

The quarter should assume a relaxed position with his feet spread about shoulder-width apart, knees bent and weight over the balls of the feet. His head should be upright, looking straight ahead. He should not grab for the ball; he should let the center deliver it to him. On a fumble, he should recover the ball and charge straight ahead.

The quarterback must perfect the following maneuvers:

1. One-half pivot.
2. One-quarter pivot.
3. Balanced reverse pivot.
4. Cross-over step.
5. Pivot one way, lateral to the other.
6. Fake hand-off and pass.

The timing of the plays hinges upon the rhythm with which the quarter calls his signals. Teach all your quarters the same rhythm.

(Continued on page 16)

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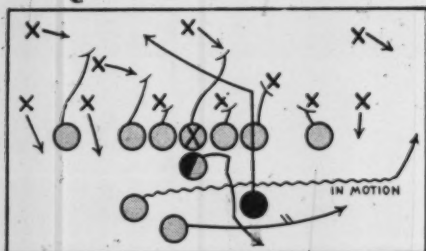
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Otherwise your man-in-motion plays will not be effective.

After giving the ball on a quick opener, the quarter should fade back and fake a pass. At this point, he should also take special notice of how the secondary is deployed. This will help him in his play calling and in finding the weak spots in the defense.

Halfbacks. Many coaches, both in college and high school, frequently ask: "How should a man go in motion?" Nothing attracts attention like motion.

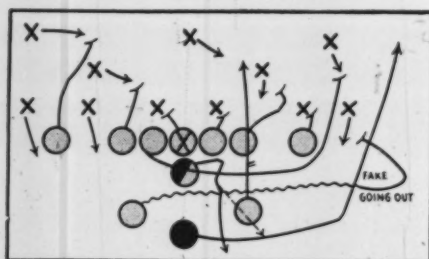


Diag. 2, Quick Opener

The first word of advice is to use plenty of arm and knee action. Let's take the left halfback going to the right. He takes a step forward toward the line with his left foot, then starts going in motion to his right.

As he runs, he should look back, faking to receive the ball and thus keeping the defense guessing. He should regulate his speed and timing to that of the quarter. If this synchronization is not attained, the motion man serves little use as a decoy.

When blocking an end in or out, the motion man (left half) should be in front of the right half at the snap. If the end tends to move out, he will line up wider the next time. If he decides to follow the motion man out, it's still all right.



Diag. 3, End Run

The halfback should be able to fake, then go for another man, or go out for a pass, or act as a decoy. He should make his fake look part of the play. This will always set up another man for a block.

There are so many maneuvers, it is impossible to include them all here. A few, however, are important.

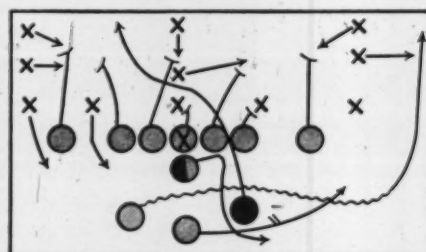
For instance, when your motion

man goes wide for a lateral from the quarter, he will have better success if he takes two or three steps to his left before committing himself. Teach him to fake a pass then run, or fake a run and then fade back for a pass.

When the right half is driving in to the line, the quarter should place the ball into his stomach with his left hand and fake with the right. By placing the ball, we mean just that. Most quarters have a tendency to slap the ball into the halfback. A fumble is certain if the ball is not placed.

Since the T is predicated on speed rather than power, faking is very important. One step can mean all the difference in the world. On some quick openers, teach your halfback to take a step to give the impression he is going wide.

He should take a quick short step with his right foot, accompanying it with a good shoulder and head fake, then come back with his left foot toward the hole. He must do this with speed and perfect timing.



Diag. 4, Against a Five

When you have a back going into the line on a fake from the quarter, the players should make their moves as authentic as possible. They should not loaf or execute the play in a different fashion.

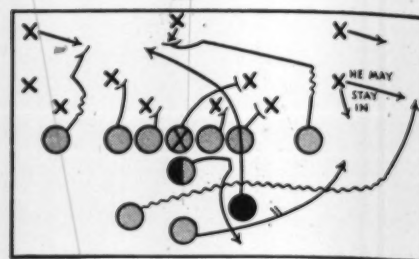
Teach the half to fake and grasp as if he were really going to carry the ball. This makes it doubly tough on the defense.

The fullback is practically another halfback. Most of his duties are identical. He should be a good plunger and an excellent blocker. He must also be a fast starter, a good faker, and a good ball-handler.

He is the back who must pick up that extra yard when it is most needed.

When running wide or cutting back on a fake end run, he should use a cross-over step. When running short plays, he should use a lead step to pick up speed.

The T is a balanced formation which puts every point in the defensive line under constant threat. There is always the possibility of some back breaking through into the clear.



Diag. 5, Against a Four

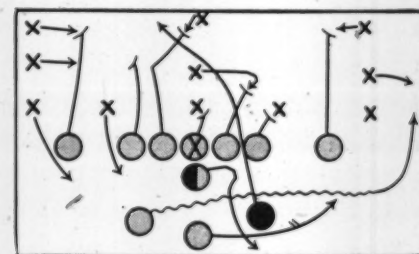
If the backs fake well and the quarterback does a nice job of deceptive ball-handling, the opposing linemen and backers-up are pretty well-frozen. You then have little trouble with drifting linemen and you get good blocking angles on the line backers. The backs should try to reach the hole just after the blocker makes contact.

The quick openers and the wide fullback end runs should look alike. This can only be achieved with good faking. On quick openers, have the halfback drive into the line with the fullback going wide, faking to receive the ball (Diag. 2).

When the play changes and the fullback carries on an end run, the halfback becomes the decoy (Diag. 3).

There are many variations in quick-opening plays. But you must always first diagnose the defense. You may easily change assignments during the game (Diags. 4 and 5).

The linemen do a great deal of individual blocking. Since most holes are opened for just an instant, particularly on quick-opening plays, they don't have to move a man as much as in other formations. They do a lot of cross-blocking, especially against fast-charging lines.



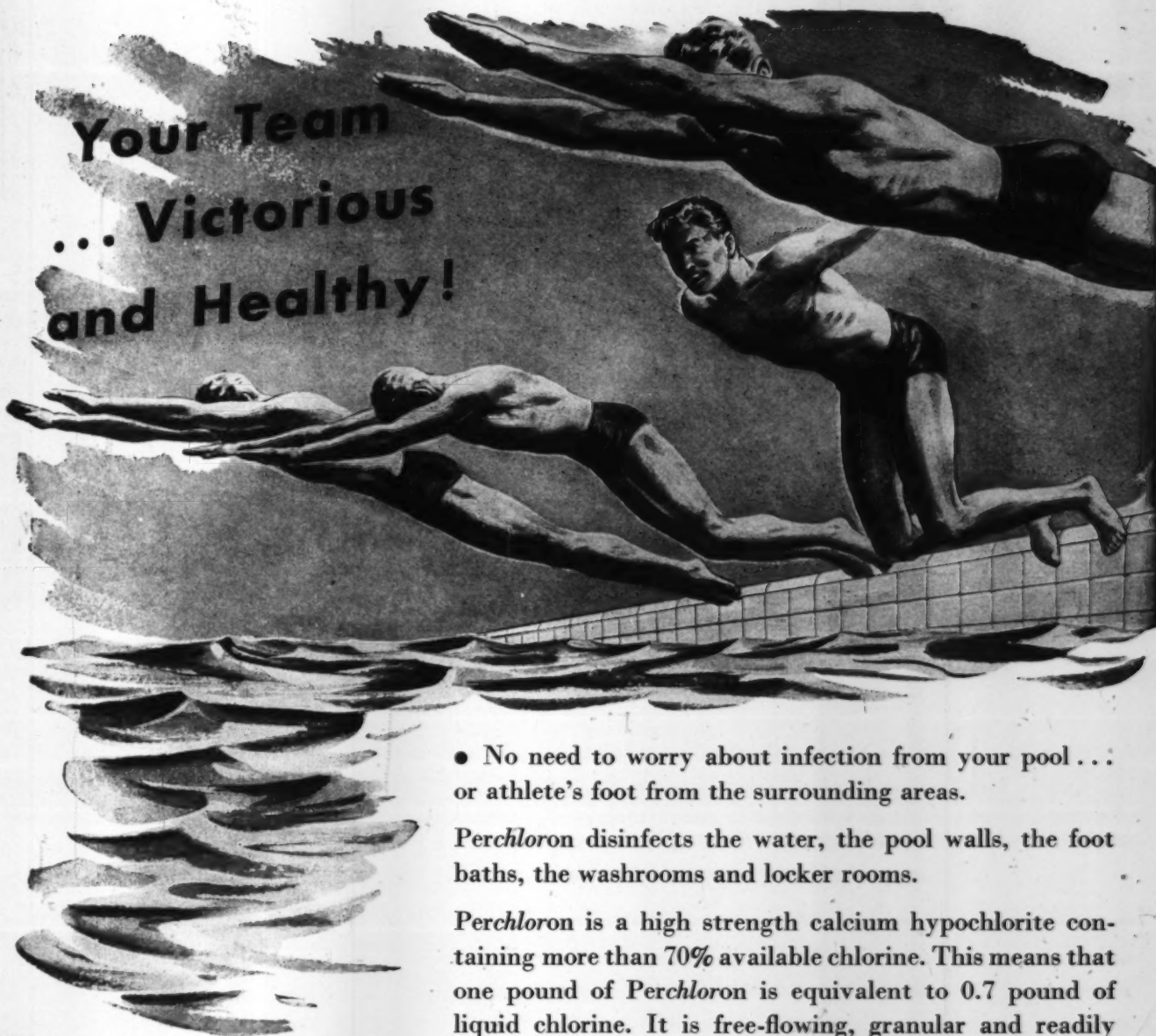
Diag. 6, Quickie

The best type of block is the screen. When executed correctly, it masks the ball from the defense and enables the screener to recover and block down-field.

The threat of a quick-opener at any point in the line and the faking of the backs usually aid the linemen in carrying out their assignments.

To be a good lineman, you must learn to fake, charge in any direction, be able to pull to either side, (Concluded on page 28)

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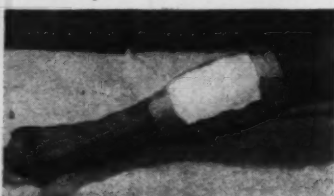
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First step, the application of ice (wrapped in a towel).



Anchoring an antiphlogistine pack to the bruised area.



The antiphlogistine pack completely sealed.



Securing the pack with an elastic bandage.

THE treatment of athletic injuries remains one of the most perplexing problems in school athletics. Since the cost of physical therapy equipment runs high, most schools cannot afford to set up a regular training department and engage trained personnel to run it. High school coaches, with all their problems and limited time, money and equipment, may, nevertheless, use a certain phase of physical therapy, namely—the hot pack.

I shall deal only with the use of the analgesic pack in the treatment of contusions, sprains, tears, etc., a treatment which every coach may adopt with considerable profit.

There are a great many analgesic balms on the market, all of which will do the job. I recommend very highly an antiphlogistine type pack and an analgesic balm pack. I have used them for the past 15 years at Yale and Holy Cross with excellent results.

"Hot Stuff"

by A. J. (DUKE) WYRE

In all muscle injuries that occur in athletics, you'll find internal hemorrhage. The first step in the treatment of any contusion, sprain or tear is the control of this hemorrhage.

If the injury occurs to the ankle, leg or thigh, and you catch it immediately, elevate the limb and apply cold applications to reduce the swelling. Treat from 30 to 60 minutes, then apply a pressure bandage.

Before retiring that night, the boy should apply an ice pack over the pressure bandage for 60 to 90 minutes, with the injured part elevated or relaxed.

The injury should be rested for 24 hours before any heat is applied. In this way, you can control the hematoma or swelling. The less edema you have present, the sooner the injury will respond to treatment.

There is a tendency to apply heat too soon. I cannot stress strongly enough the application of cold packs plus pressure bandaging and rest for the first 24 hours.

Heat may be applied the next day. Hot towels remain one of the best means of applying moist heat. Wring the towels out and apply two or three towels over the injury; then cover the wet towels with a dry one.

Leave the hot towels on for 20 minutes, reheat them and apply for 20 more minutes. The constant changing of hot towels is not advisable; you may get too much dilation. A low temperature over a long period is the best type of heat for an injury of this kind.

The application of the hot pack follows. Use the hot antiphlogistine pack for the first two treatments, testing the pack on your face or arms to see that it isn't too hot.

Never apply this type of hot pack without testing it. Otherwise, you may cause a burn and blistering.

Some trainers make their packs with a layer of cotton. I prefer to use disposable baby diapers. They are ideal for any type pack, and I

have successfully employed them for years. They keep the pack together and are much cheaper than cotton.

First, spread the antiphlogistine evenly a quarter-inch thick on the cotton or diaper. Then round the sides of the diaper, and apply strips of cotton a half-inch high to wall in the "hot stuff."

Apply the pack to the injury, then cover with an elastic bandage (ace, tensor, or similar make), wrapping strongly enough to cause pressure,



Immersion in cold water to check the swelling.



Application of an antiphlogistine pack.



Securing of pack with an elastic bandage.

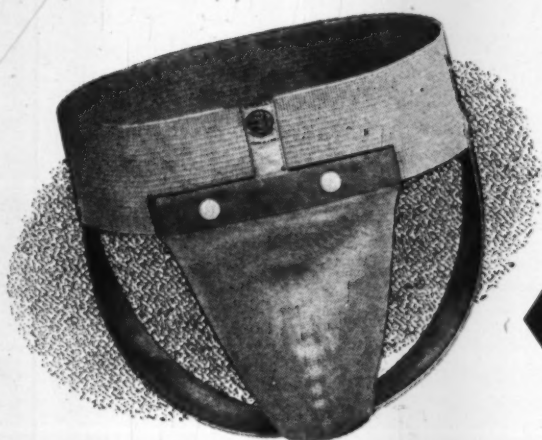


The completed bandage.

A. J. "Duke" Wyre, former Holy Cross head trainer, is now a member of the training staff at Yale University.



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Cold application to reduce swelling.



Antiphlogistine pack.



Securing pack with gauze.

but not tight enough to cut off circulation.

All hot packs must cover the entire injured area and a little beyond its edges to help warm this area and stimulate circulation.

After two treatments with the antiphlogistine pack, change to an analgesic balm pack, which is made the same way, substituting balm for antiphlogistine and spreading on an eighth-inch thick.

When the packs are no longer required and the injury is healed, it is a good idea to apply a thin coat of analgesic balm to the injured area. The counter-irritant properties of the balm will keep the muscle warm and relaxed.

The movement of the muscles under the pressure bandage, executing the normal daily actions such as walking, sitting, etc., gives the bandage a self-massaging property. A light, firm, even pressure of the elastic bandage invites relaxation in the muscles surrounding the injured area.

A light, stroking massage may be used about the fourth or fifth day, but never when there is any edema or swelling. *Never massage or try to rub out a charley-horse.* It's all right to massage up to an inch of the injured area and an inch past the injured area, but never over the injury itself.

It is understood that all injuries should be seen by the team doctor for correct diagnosis.

Quite often, the injury does not



Finished bandage after application of elastic wrapping.

become sore until it has cooled off and become stiff, in which case it may not be brought to your attention until the day after the occurrence. Here is a condition where heat should be applied immediately.

I repeat, immediately following an injury—cold applications, elevation, pressure bandage, rest, and then heat and pressure bandaging.

When the athlete is ready to resume play, the injured part should be protected with a bandage or adhesive strapping, and a protective pad.

The photographs that accompany the article are reprinted, with permission, from The Denver Chemical Mfg. Co.'s fine booklet, *Athletic Injuries*, which may be obtained by checking the Master Coupon on page 79.

The strips on page 18 show the hot-pack treatments for bruised shin bones and elbows, while the strips on this page show the treatments for sprained wrists and charley-horses.

In conclusion, a few words may

be in order on the *prevention* of injuries. Warm-up or grass drills play a most important physiological role. They strengthen the muscles and physiological processes, thus increasing motor efficiency. The sharpening of the neuromuscular mechanism, in turn, tends to reduce injuries.

The length of the grass drills depends upon the time of the season and the condition of the squad. As a rule, they should be conducted until the players begin to sweat. The session should not be too prolonged, however, or you may find the players spending their energy and becoming fatigued to no good purpose.

On warm and rainy days, the sessions should be curtailed. Rain softens the field, makes the ball heavier and soaks the equipment, causing a greater expenditure of energy in a shorter period of time.

Proper equipment is also vitally essential. Shoes should fit properly; shoulder pads should be in excellent, not just good, condition, and should fit snugly. They should be checked at least once a week for broken or weakened straps.

Each helmet should be of the right size and should be used only by the player to whom it is issued. Frequent laundering of socks, jocks and undershirts minimizes the danger of skin infections.

All photos reprinted from booklet, *Athletic Injuries*, through courtesy of The Denver Chemical Mfg. Co.



Ice is immediately applied to limit effusion.



Elastic bandage over pack.



Back to game with rigid pad protecting area.

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 DISPLAYS**



A DIAGRAMMATIC PEEK AT FAR WEST FOOTBALL

By J. A. "Duke" Thayer

A technical report on the outstanding games and teams on the Pacific Coast last season

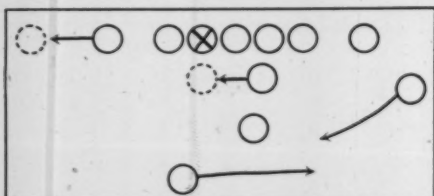
Before enlisting in the U.S.N.R., J. A. "Duke" Thayer coached football at the Porterville (Calif.) Junior College. He is currently Chief, Special Services at the Veterans Administration Hospital in Tucson.



WHILE the general caliber of Pacific Coast football degenerated noticeably during the war, there was enough interesting football to keep the game very much alive. This was particularly true in 1945.

Unfortunately, the East-West game, generally considered the best game of the year, was not up to par this season due to a lamentable lack of decent weather preceding New Year's Day. Neither team had more than four days outdoor drill prior to the contest, and as a result the first half was a rather ragged affair. After the intermission, however, both teams played much smoother ball.

Both used the T, but could get nowhere with it, since practically every player was too thoroughly familiar with the formation. The standard 5-3-2-1 defense were used by both, with the West sometimes using a 4-4-2-1 to advantage.



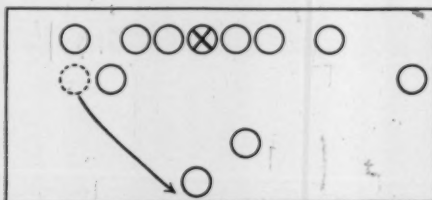
DIAG. 1: Single-wing formation used by the West in the 1946 East-West game in San Francisco. Broken circles depict variations in formation by quarterback and weak-side end. Either wingback or tailback went in motion.

In addition to the T, the West employed a variation of the standard single wing, with unbalanced line, shifted either right or left (Diag. 1). The short-side end sometimes played extremely wide—frequently from 15 to 25 yards out—but usually lined up $1\frac{1}{2}$ yards outside. The strong-side end lined up a good 2 yards outside, with the wingback $1\frac{1}{2}$ yards wider. The wingback frequently went in motion to the weak side.

The tailback lined up $4\frac{1}{2}$ yards back, directly behind the weak-side guard, and frequently went in motion to the strong side. The fullback took his position $3\frac{1}{2}$ yards directly behind the strong-side guard. The

blocking back set up $1\frac{1}{2}$ yards back between the strong-side guard and tackle, and frequently handled the ball on spinners, reverses and straight plunges. The blocking back occasionally lined up under center.

The best West gains and touchdowns were made from this formation. The touchdown evolved from a straight plunge through the line, with some very nice blocking downfield.



DIAG. 2: Double-wing variation used by East team. The left wingback lined up back of the hole between tackle and end, or behind the end, as shown by the broken circle. He frequently moved in motion back and to the right.

The East, in addition to the T, used a variation of the double wing, unbalanced line, shifted either right or left (Diag. 2). The ends played a full yard and a half outside, with the strong-side wingback the same distance outside. The short-side wingback played just back of the hole between end and tackle, or directly behind the end.

The formation looked like a standard single-wing set-up with the blocking back playing the short side of the backfield. The West used a 6-2-2-1 defense against this formation. As with the West, the East had trouble making the T function, and made their best gains and touchdowns off the double-wing.

The East frequently sent the short-side wingback in motion, coming back and around to the strong side. The best play of the entire game came as a result of this man-in-motion. The East lined up in the double-wing and sent the strong-side wingback clear to the sideline, as a flanker.

The weak-side wingback then came around in motion, and the ball was snapped when he was about midway to the sideline. He cut slightly downfield and took a forward pass out in the flat, with his back to the defensive team. As three defenders raced down upon him, he faked a very elaborate

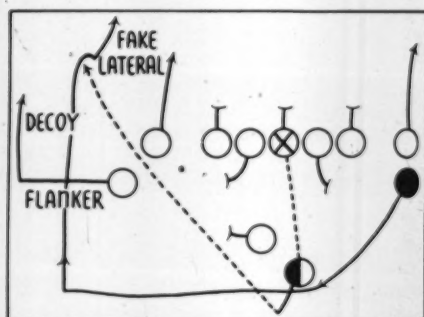
lateral pass to the flanker, about 15 yards outside him on the sideline, then reverse-pivoted inside for nearly 40 yards.

The success of the play depended entirely on the deception engendered by the faked lateral. The man did a very good job of acting, as all three defenders were thrown off balance long enough for him to get inside them and away (Diag. 3).

The game ended in a 6-6 tie, with the majority of the customers satisfied.

The most colorful team on the West coast was undoubtedly the St. Mary's Gaels, coached by Jimmy Phelan. The Gaels, in addition to Herman Wedemeyer, had a young man named O'Connor at quarterback, who was generally credited with being the brains of a smart team.

St. Mary's came out of the huddle into a balanced line with a wide flanker and the quarterback, fullback and tailback in a straight line directly behind center (Diag. 4A). From this they shifted to the formation shown in Diag. 4B. The quarterback could and did handle the ball. Note that the tailback lined up about a half yard ahead of the fullback.



DIAG. 3: Best play of the East-West game, pulled by the East. The left half moved to the sideline as a flanker. The right half came around in motion, cut downfield for a flat pass. Upon receiving the ball, he faked a lateral to the flanker and reverse-pivoted inside the three defensive men drawn out of position by the fake lateral.

Some very nice deception was worked off this formation, with both the tailback and fullback spinning. The flanker was more than a threat. He came around frequently on reverses or fake reverses, and was used considerably on spot.

(Concluded on page 22)

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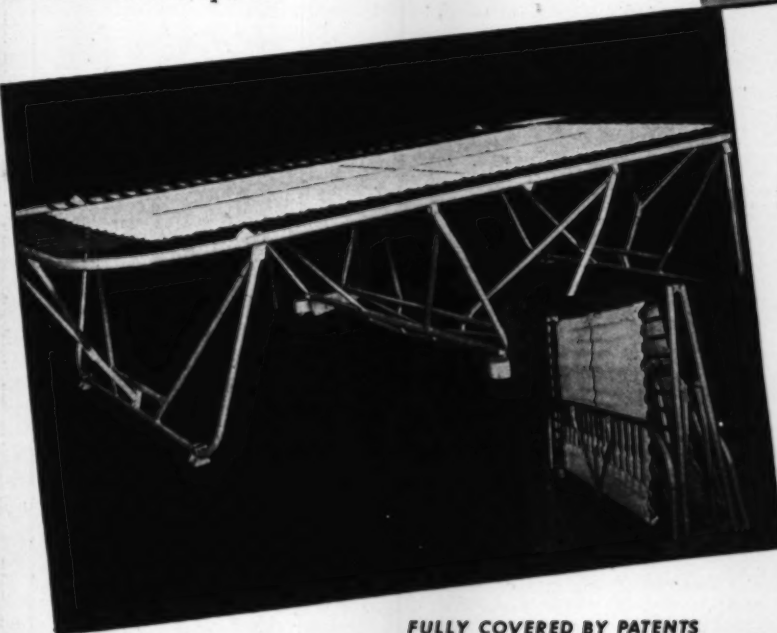
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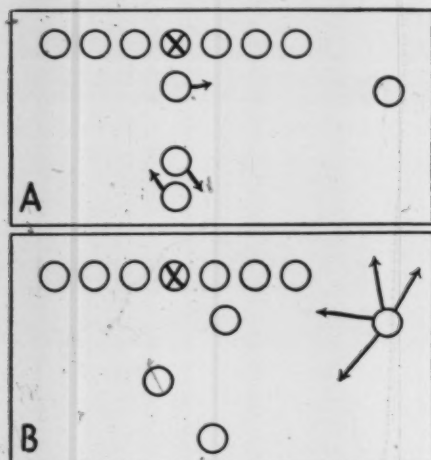
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passes, with Wedemeyer on the passing end.

Another St. Mary's favorite was dropping the right end or left end back a yard and shifting the flanker into the opposite side of the line, thus making the tackle eligible for a pass. The tackle usually delayed for a count of "2" or "3" before moving down and out for the pass (Diag. 5).

St. Mary's also used the T, but seemed to prefer its own formation. With seven first-string players under the age of 18, St. Mary's could be counted upon to give the crowd a pleasing, thrill-packed exhibition.



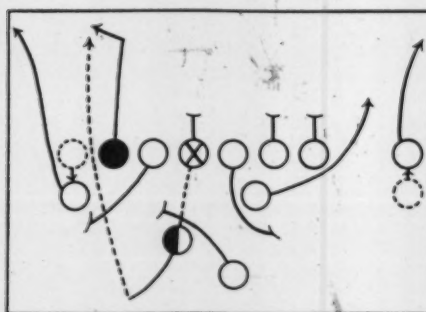
DIAG. 4: St. Mary's preliminary alignment (A) and lineup after the shift (B). After coming out of the huddle, the full set up 2 yards behind the quarter, with the tailback right behind him. The flanker went out 10 to 25 yards. They then shifted as shown. The quarter sometimes handled the ball as in the T. Both the tail and the full were used on spinners and reverses.

Many Coast football fans were interested in the impotent California Bear last fall, because the team was coached by Buck Shaw, for many years the "silver fox" of Santa Clara football, and generally regarded as one of the nation's abler coaches.

The California Bear was a clumsy, inept critter. But the fact that Shaw was on loan from the lumber interests of Tony Morabito, who is the principal stockholder in the San Francisco franchise of the All-America Football League, led to some interesting surmises.

California came out of the huddle into a double-wing variation balanced line, with the blocking back under center, as in the T (Diag. 6A). The first shift would be by the left wingback, moving over to the fullback spot. The next move would be the right wingback, shifting out from three to five yards (Diag. 6B).

The play would then be run, with the quarterback handling the ball



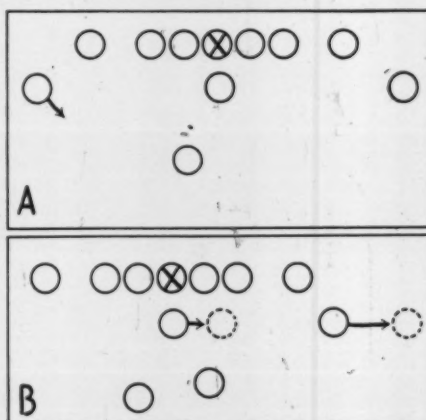
DIAG. 5: St. Mary's tackle-eligible pass. As the flanker shifted into the line, the opposite end dropped back a yard, making the tackle eligible for a pass. The tackle delayed for a count of 3 before cutting down and out for the spot pass.

exactly as in the T. A variation, however, would move the quarterback over a half yard to the right, behind the guard, in which case the fullback or tailback could handle the ball on a direct pass. The system also operated to the left, but was used principally to the right.

The really interesting part of this offense was in the discussions concerning its merits. Some contended that it was the greatest offense Shaw had ever used, and with a good team would be unbeatable, while others just as stoutly maintained that Shaw had not proven anything with his offense, and was using the California Bear as a guinea pig in preparation for his debut in professional ranks this year.

In Mr. Shaw's defense, if he needs any, let it be said that he had no passer and his material generally was not the best.

Probably the biggest upset on the Coast last year was the tie between St. Mary's Pre-Flight and the Fleet



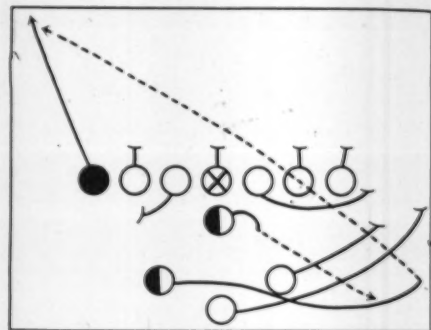
DIAG. 6: California's initial lineup (A) and shift (B). The left half shifted to full, and the right half moved out 3 to 5 yards. The quarter stayed under center or moved to right. In short, the formation changed from a double wing with the quarter under center to a single wing, balanced line, with a flanker wingback.

City Bluejackets. The Fleet City team was undoubtedly the greatest aggregation of stars ever gathered on one roster. With professionals and all-Americans four and more deep in every position, it was a powerhouse that steam-rolled everything it came up against—until it met the Pre-Flight team, sparked by Frankie Albert.

Pre-Flight had been beaten by a couple of the teams that Fleet City had flattened, so it didn't hold much promise as a football game. But Albert made the difference.

The play that tied the game, and gained a moral victory for Pre-Flight, was outlined by Albert during a time-out huddle. It is shown in Diag. 7—Albert to Steve Juzwik to the left end, for a touchdown. The right defensive halfback was drawn out of position by the play starting in the opposite direction, leaving his territory wide open for the Pre-Flight left end.

The play is an old-timer, but seems to work every year, regardless of the formation used.



DIAG. 7: St. Mary's Pre-Flight scorer against the Fleet City Bluejackets. The right defensive half was drawn out of position by the threatened wide end run, leaving his territory wide open for a cross-field pass and touchdown.

The play started innocently enough with the center whipping the ball to the quarterback (Albert). The old Stanford all-American pivoted and fired a long lateral to the left half.

At this point, the play looked like the traditional T sweep with the left half carrying. The fullback and right halfback applied the usual blocks, while the carrier raced to the side.

Meanwhile the right guard pulled out and over for interference, aiding the deception. The right end delayed a few counts, then sneaked downfield to his left.

At the right moment, the left half (Juzwik) suddenly stopped and fired a long cross-field pass to the end. The play was executed flawlessly, and you could hardly blame the secondary for being bamboozled.



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YALE'S deep pass

THIS tricky pass off the T is one of Coach Howie Odel's pet touchdown reapers. Briefly the play works like this:

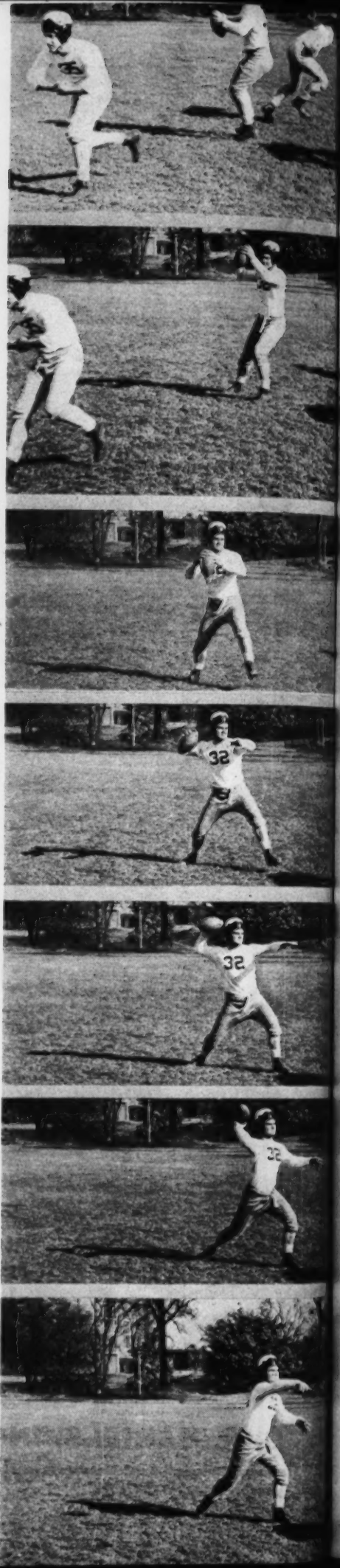
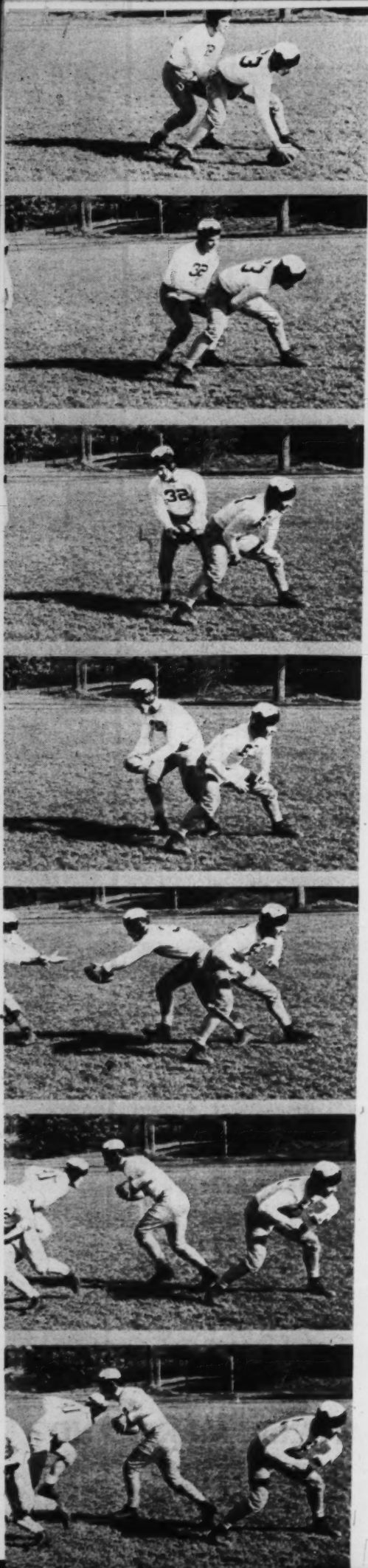
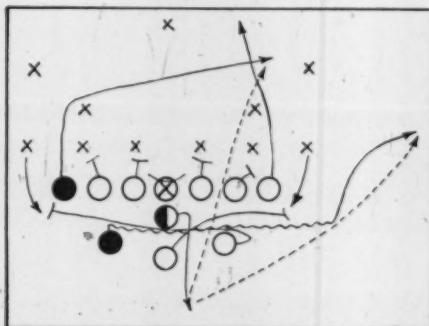
With the left half in motion, the quarter fakes to the fullback and right half, then fades back and heaves to either the motion man or the left end.

Now let us examine the play more closely. The first thing apparent is that the fullback hasn't cut close enough to the quarter for the full exploitation of the fake. Note how the center protects the quarter and how the full, after the fake, veers off to take the defensive left end.

The pass itself is a thing of beauty, executed with flawless form. The quarter starts back with a cross-over step and keeps looking toward the right, as if to throw in that direction. He raises the ball in both hands, aiding in both the control and deception, then steps forward and rifles the ball down the center to the left end crossing over.

The complete mechanics of the play are detailed in the diagram. The five center linemen take the men in front of them, while the right end goes down deep to lure the safety man away. The defensive left half must shove over to cover the motion man, leaving a nice hole for the pass.

If the defensive half insists on staying put, the quarter may throw to the motion man—an object lesson on the value of men in motion. A smart, quick-throwing quarter can wreak a lot of havoc with plays such as this.



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The T, Chicago Bears' Style

(Continued from page 16)

and be able to block down-field.

Since most linemen block in the same fashion, their stance is more or less standardized. The boys up front assume a high stance, spreading their feet about hip-width apart and keeping their rumps up high.

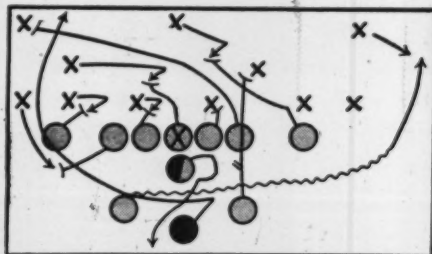
While a good shoulder block could be thrown from this stance, it isn't nearly as effective as a lunge block. The lunge block does a better job of concealing the ball and enables the lineman to recover and go down-field to mop up secondary.

If the opponent is making good use of his hands, try a head fake. Drop the shoulders and hips and charge forward, going a little to the right. As you land, push up hard with both hands using the forearms vigorously.

Many coaches are teaching their defensive linemen to hand-shiver, particularly on the offensive guards. The idea is to hold them off until you know where the play is going, then drop the shoulders and hips and come up charging. This may cause the guard to slide over your back, giving you power to move him.

The six-man line offers a perfect set-up for the T, giving the offensive linemen easy blocks. As an example, take the quick-opener in **Diag. 2**. If the play goes to the right, you may neglect your blocking to the left, allowing the linemen to go downfield to block.

Against a five-man line (**Diag. 6**), there is very little difference.



Diag. 7, Against Drifters

Before deciding his play call, the quarterback should frequently consult the linemen. They are not quarterbacks, but they can often come up with surprisingly helpful suggestions.

When a defensive lineman is perceived playing out of position, your backs should know enough to go in or outside of him, whichever facilitates the linemen's blocks. The halfbacks should always know what sort of defense is being played so they can make their change.

What about drifting linemen? Drifters usually make tackles, but these hardly hurt if you're making 5 to 10 yards at a clip. With good faking, you can make it very tough on drifting linemen, as in **Diag. 7**. In this play, the fullback takes one step to his right, fakes with his head and shoulders and comes back.

Drifters are very easy to fool. When an opponent begins to fade then tries to come back, the offensive linemen should just stand in front of him, screening him off—and the play goes around him. Angle blocking is another effective weapon against drifters.

In the October issue, the authors will diagram a series of 28 basic T plays, based on the Chicago Bears system.

Two-in-One Offense

(Continued from page 9)

plays under center, he faces the right sideline (**Diag. 1**).

For single wing plays, the quarter can be shifted as in **Diag. 2**, or he can remain as is and carry out the threat of the T. The ball is snapped to No. 1 or No. 2. The quarter can then be used as a decoy.

In this formation, the quarter has time to look over the defense for weaknesses or he can be used as a blocker as in the single wing, taking the place of the right guard on blocking assignments to the right and taking his own assignments on weak-side plays.

In handling the ball in the T, the quarter (No. 3), on close plays takes just one step with the inside foot, which brings him facing the backfield with his back to the line.

For the wider plays, his footwork is exactly the same as in the T with a left step, step right, a hop step for handling the ball to the fullback (No. 2) off tackle and for the end sweeps to the 1 back as in **Diag. 3**.

Either power or deception may be obtained on weak-side plays by putting the 4 back in motion to the left or right as the play demands. The 1 back may also be used in motion after No. 4 comes to a halt, as in **Diag. 4**.

The positioning of the backs enables us to vary our attack with triple-spinner plays. After the snap, the quarter may come back between the full and the half, the three of them spinning over the ball at the same time.

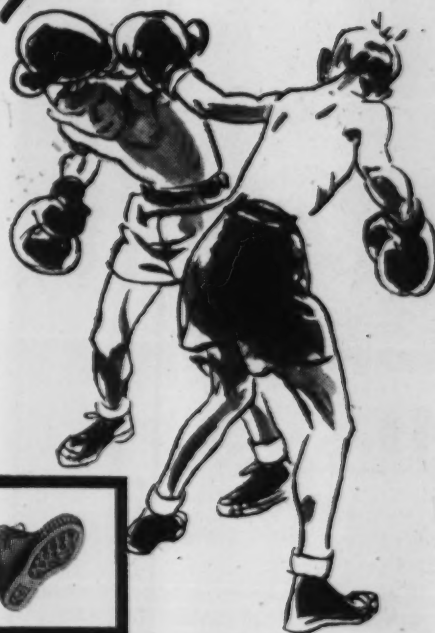
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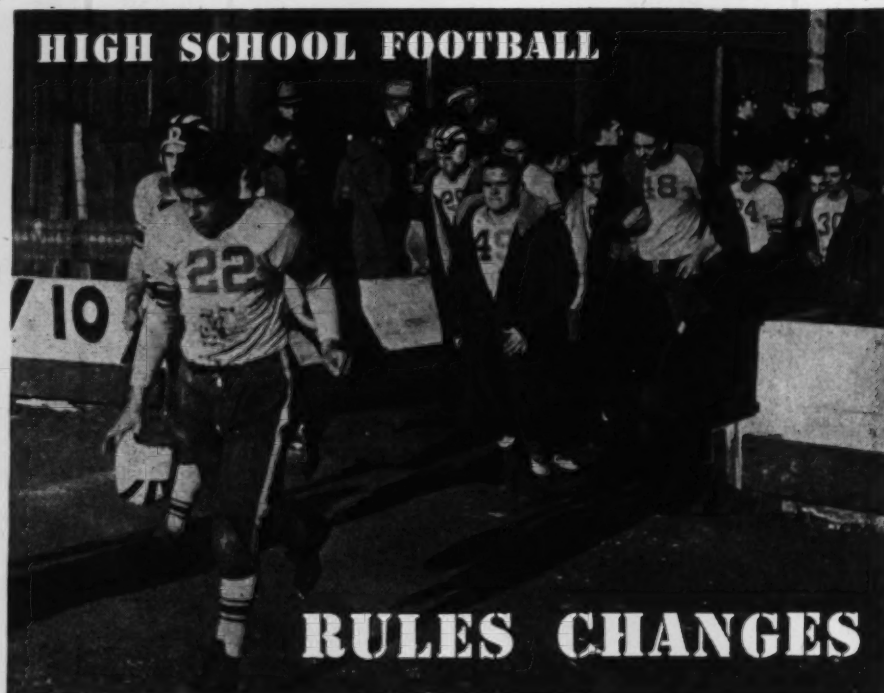
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Color of jersey (1-1-3-2). The home team is urged to notify the visiting team as to color of jersey which will be worn and type of ball which will be used. For night games, balls with two black or white circular stripes between the lace and each end should be among those available. If proper notice is sent, the home team has the right to wear its usual color of suit. If there is objection because both sets of jerseys are of the same color, the visiting team is expected to change.

A pliable tee (2-3-2) is permissible. This may be the customary manufactured rubber tee, a paper cup or similar utensil. If possible, one of the officials should remove the tee when it will not interfere with his duties.

Position on line (2-9-2-2). In lining up, players of A are expected to make it apparent whether they are on the line or behind it. Freak positions such as facing sidewise are not permitted, but a comfortable position within the rules is now possible. If one hand is on the ground and if the player is facing the opponent's goal, his feet may be in any reasonable position which is comfortable. It is not necessary to place one foot up to within one foot of the line. Prior to this year, the code contained the one-foot specification, but it was almost impossible for a player to adhere to the rule.

Failure to have seven players (2-11) on the line is listed as a form of offside. This is one of the snap infractions for which the Referee does not have authority to blow his whistle

before the play ends. The ball goes into play after an offside (on either snap or free-kick), or illegal motion, or an illegal shift (failure to pause one second). For other snap or free-kick infractions, the Referee has authority to kill the ball immediately. Whether he does or not, the ball remains dead even though action does not cease immediately. There is a slight modification of this provision in connection with an illegal substitution as outlined in 3-5-1 and 2.

For an illegal substitution discovered by any official while the ball is dead, the ball remains dead and the Referee may blow his whistle immediately. However, if the substitution illegality is not discovered until after the ball has been snapped or free-kicked, the foul is treated the same as if the illegal act had occurred at the time of discovery. Hence, the penalty is enforced as a foul during the down rather than as a foul while the ball is still dead.

Play: A12 enters while the ball is dead and replaced A3 leaves on the wrong side of the field. An official discovers him on the wrong side after the ball is in play.

Ruling: This is a 5-yard penalty foul during the down. Spot of enforcement is determined by the type of play (loose ball or run) which was in progress at the time of discovery. The place of the foul (not necessarily the place for penalty enforcement) is considered to be the spot of the snap or free-kick. This is the same as for any other non-player foul as outlined in last sentence of note under 4-2-5.

New impulse (2-21-2). Part (a) of the paragraph dealing with "impulse" has been slightly reworded for clarity. No change in meaning is intended. The statement makes it clear that a

muff or bat of a pass or fumble does not provide any new impulse, provided it is done before the ball has touched the ground.

Play: A1 receives snap on his 5. He attempts lateral and B bats the pass into A's end zone where A falls on it. This is a safety (rather than a touchback) because the pass (not the bat) is considered the impulse.

The new substitution rule (3-5-1) is liberal. It is designed to eliminate some of the delays caused by necessity of reporting and by necessity of waiting until the clock was stopped. A substitute may now go on the field whenever the ball is dead. However, if the clock is running, not more than two substitutes from the same team may enter and they enter at the risk of having the 30-second time limit expire or of having the offensive team snap the ball before the substitution is completed. To be completed, the replaced player must be entirely off the field and on the side where his team has its bench.

A violation of any one of these conditions results in a loss of 5 yards. It is not necessary for the substitute to report to an official, unless he is entering as a center, guard or tackle. In that case, he must report that fact to the nearer official.

As in the past, it is not permissible for a team to use substitutes to deceive. This applies to plays such as that where one substitute comes in but two players run to the sideline. One leaves and the other is in position to receive a forward pass. This act draws a penalty of 5 yards and the ball remains dead unless discovery is after the ball is in play. When discovery is late, the spot of enforcement depends on the type of play.

5-2-2. The article concerning running into the kicker has been slightly reworded to give the official some discretionary authority in cases where slight contact with the kicker is incidental and caused by the movement of the kicker.

Fair catch (5-2-7 and 6-6-3). Prior to this year, the giving of an invalid fair catch signal was unlike other minor non-contact fouls in that it drew a severe penalty of 15 yards. The penalty is now 5 yards (from the previous spot).

There is one other minor change in connection with the fair catch. It is in the slight rewording of Article 3 of 6-6. The phrase "or a kicker" has been added. The difference is that if a receiver signals for a fair catch and if the kick touches one of the kickers, any receiver may recover and ad-

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vance. In that case, they have the choice of retaining the advance or of accepting the penalty for interference with a fair catch.

In the past, it was clear that the ball might be advanced after it touched the ground, but there was some doubt as to whether it was legal to advance after the kick had touched the kicker and not the ground.

Award of ball after out-of-bounds (6-3-2). When a kick goes out of bounds, it always goes to the receivers, regardless of whether one of the kickers might have legally touched the kick last before it went out of bounds. However, in past years, the out-of-bounds rule for a pass or a fumble differed from the kick rule in that the award depended on who last touched the loose ball.

This year's rule has eliminated that difference. Under present rules, any pass or fumble which goes out of bounds belongs to the passer or fumbler; last touching has no influence on the award. It is assumed that, in the case of a pass or a fumble, the defense has the right to secure possession before the ball goes out of bounds but, if he is unsuccessful in this, he has no right to a ball which was in possession of the opponent (even though the ball was loose) at the time it went out.

Tilting ball (8-1-2-b). When centers prefer to snap the ball with one hand, it is convenient for them to tilt the long axis. This is permissible, provided the tilting does not exceed an angle of 45 degrees. This means that the ball may not be stood on end in order to narrow the neutral zone to six or seven inches. The slight permissible tilting of the ball may narrow the zone by a fraction of an inch, but not enough to make any practical difference.

If the ball is to be tilted, it must be done by the center as soon as he places his hand on the ball and there must be a noticeable pause between the time of tilting and the time of the snap. It is not permissible for the center to use the maneuver to confuse the opponent in connection with the timing of the snap.

Pass interference (8-5-6). The 2nd and 5th play situations under this section have been slightly reworded for clarity. No change in meaning is intended. The rewording is to make it clear there can be no pass interference behind the line, unless it is the type of interference which results from the ball touching an ineligible player. Also, there can be no interference beyond the line during a pass which ends behind the line.

When ball becomes dead (9-2-1-b). The parenthetical statement in this paragraph has been slightly reworded for clarity. It covers the situation where a loose ball in the end zone becomes dead before any possession is secured by a player. No touchdown can be scored by getting possession of

(Concluded on page 46)

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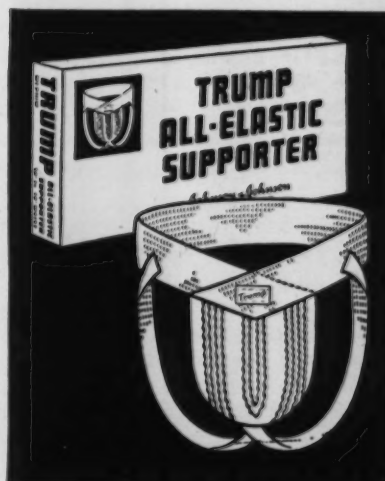
• Every part of these new Johnson & Johnson athletic supporters has been redesigned to eliminate slipping, sagging and chafing. The V-Front, all-elastic waistband follows body contours — fits comfortably and stays put. The pouch, too, has

been "balanced" with the new waistband design to give good, firm support without binding. These improvements spell c-o-m-f-o-r-t for every boy on every team you coach!

(NOTE—You also get top quality in J. & J. Elastic Adaptive Bandages, Elastic Anklets and Wristlets for athletes. Try them.)

*Patent Pending

Johnson & Johnson



HOW ABOUT TWO QUARTERS UNDER CENTER?

By Paul Vespa

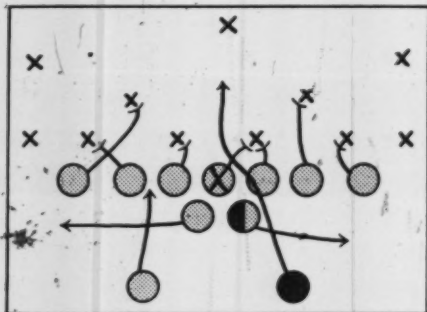
Paul Vespa, athletic director and football coach at Herndon (Va.) High School, presents the newest variation of the T—the double-quarterback or TT formation.



THANKS to the T formation, center-straddling quarterbacks are as commonplace as hamburger joints these days.

Every T team deploys its field general practically on the center's tail. From this position, the quarterback can perform herculean feats of legerdemain. So much so that, now that the rule concerning backfield positioning has been liberalized, you may well expect to see two men lining up behind center.

This super T with two quarterbacks under center multiplies the deception and maneuverability of the T. The potentialities of the formation in the way of plays and variations, are enormous. While the extra men under center reduces the available number of backfield blockers, the added deception more than compensates for it.

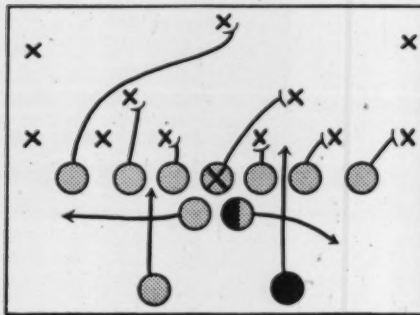


Diag. 1, Over Center

The quarters pivot simultaneously on the snap, with the right quarter giving to the right half. The middle three linemen throw the key blocks. The center and right guard double-team the defensive left guard, while the left guard eradicates the opponent in front of him. Note how the left quarter, after faking to the half, carries out the fake of a pass, thus freezing the enemy line backer.

At first glance, the TT appears hard to teach. Actually, it is just as easy to teach as the straight T. As you can see in the accompanying diagrams, the basic maneuvers never affect more than two backs. The other men follow their standard assignments.

As the T, the TT is predicated on speed and deception—only more so. It operates from a balanced and spread line — guards, split 6-12 inches; tackles, 12-18 inches; and ends, 24-30 inches.



Diag. 2, Off-Guard Quickie

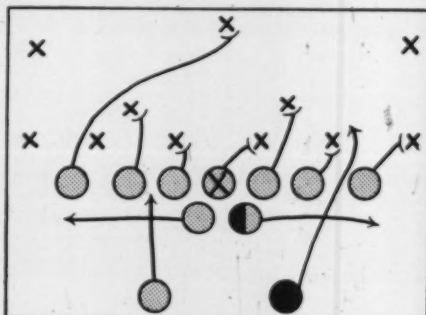
This time the right half drives straight ahead, piling through the hole opened by his guard and tackle. The line backers are removed by the left tackle and center. The left quarter and half carry out their fakes all the way. After clearing the line, the ball-carrier slips inside the block on the backer-up on his side.

The left quarterback sets up with left foot forward and, on the center pass, turns right. The right quarterback stands with his right foot forward and pivots left. Thus, they pivot toward each other, adding to the deception.

The halfbacks deploy three to four and a half yards back, either behind the tackles or in the slot.

The quarterbacks must be good ball-handlers and passers. If you have a left-handed passer, so much the better. The halfbacks must be fast and tricky in the open field. Since most of the blocking up front is one-on-one, your linemen should be unusually good blockers.

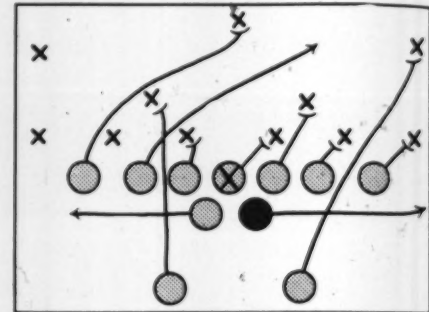
The basic setup is shown in the diagrams which, as far as plays go, just scratch the surface.



Diag. 3, Off-Tackle Quickie

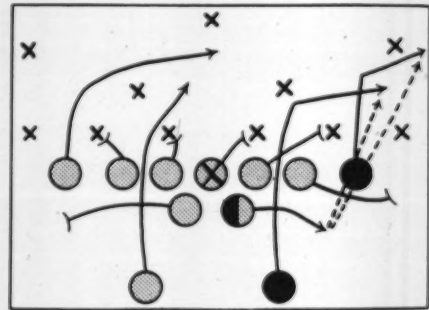
On the snap, the right half charges for the hole between tackle and end, which is opened for him by his linemen. The right guard heads for the backer-up, leaving the defensive left guard to the center—a rather tough assignment. Meanwhile the left side of the line are taking their men exactly as before.

Diag. 1 illustrates a typical TT fast-opener over center. The center and right guard double team the defensive guard. The left guard and tackle drive their men to the left. The line backers are taken by the left end and the right tackle, while the right end checks the defensive tackle.



Diag. 4, Quarterback Run

The set up is now ripe for a sneak around end. The right quarter fakes to the half, who drives through the line and keeps on going for the defensive half-back. The quarter, who has set up the play with hand-offs and fake passes, now keeps the ball and races wide around end. The center, tackle and end mop up the left side of the defensive line, while the right guard hits the backer-up.



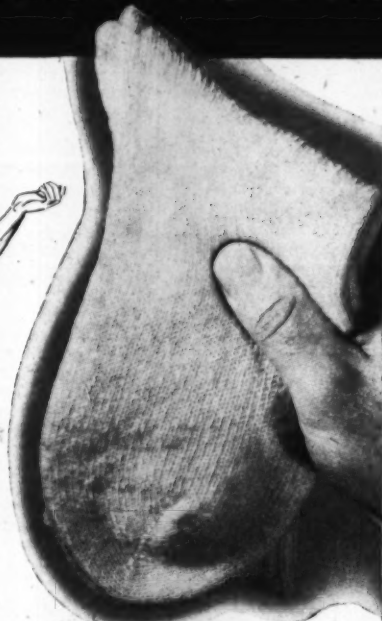
Diag. 5, Forward Pass

This play may be worked either before or after the quarterback run. Each sets up the other. After faking to the half, the quarter steps over a few steps and shoots a pass to either the right half or end, whoever is free. Both receivers cut to their right. The right tackle slides over to take the end, as the right guard is working on the tackle.

The quarterbacks pivot at the same time. The left quarter fakes to the left half, while the right quarter is handing off the ball to the right half and faking a pass.

The other plays work in the same manner. Now diagram some plays of your own. You'll find it great fun.

NO WONDER SPORT STARS THANK THEIR SOCKS!



Yes, just as right shoes are vital to winning in sports, so are the right socks. The right Athletic Sock must have body, the ability to take it, and yet be soft, fluffy, kind to the feet. If you've been wearing "just any sock," try BALL-BAND Athletic Socks . . . built specifically for sport competition.



Illustration above shows the double core yarn used in Ball-Band Athletic Socks . . . it means extra strength, loft and body, better ventilation, better absorption.



You get stretch with quality, and with generous use of yarn. Ball-Band Athletic Socks are made from better yarns, and more yards of yarn. Freer circulation! Sock hugs the foot and ankle comfortably! Easier to get on and off!



That's wise advice, coach! Ball-Band Athletic Socks are tops in any sport, for greater comfort, for foot freedom and ease, longer wear. You may not be able to get Ball-Band Athletic Socks the first time you try at the store, for try as we might, we have not yet been able to make enough to wholly overcome the four year war shortage. But many dealers have them . . . more are receiving them daily. So ask for Ball-Band . . . it's worth waiting for.

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at the University of Wisconsin



"Few coaches realize the hidden danger in poor quality mats. Many use 'punched' felts made by the less costly method of using fine steel needles to agitate and compress it. These needles break off in the felt, work to the surface and are a definite hazard to cause infections, cuts and scratches. **NO NEEDLES ARE USED TO MAKE GENUINE JIM-FLEX LAYER FELT USED IN NATIONAL MATS.** It is compressed by the platen process which is guaranteed 100% safe."

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FACILITIES CONFERENCE

THE formation of a national conference to establish standards for the construction of athletic and recreation facilities, has been announced by a joint committee comprised of representatives of the nation's leading organizations concerned with athletics, recreation, health and physical education.

Frank S. Stafford, of the U. S. Office of Education, was appointed director of the conference, which is scheduled for Jackson's Mill, West Virginia, December 1 to 15. This conference will provide communities with the "do's" and "don'ts" of planning and construction, which will save millions of dollars by preventing the building of improperly conceived facilities.

Organized as The National Conference on Facilities for Athletics, Recreation, Health and Physical Education, it will bring together professional leaders from all parts of the nation. The conference will also be attended by leading recreation architects, landscape architects and engineers, who jointly will produce a series of manuals that will be made available to all communities and groups.

Sponsors of the National Conference are: American Association for Health, Physical Education and Recreation; American Association of Group Workers; American Camping Association; American Institute of Park Executives; College Physical Education Association; National Education Association; National Federation of State High School Athletic Associations; Society of Recreation Workers of America; Society of State Directors of Health and Physical Education; The Athletic Institute; The Education Policies Commission.

The purpose of the conference, as outlined by the joint committee, is to establish principles for the planning of a system of community-wide inter-related facilities; to determine the kinds of facilities needed and to develop standards for functionally designed facilities.

The standards will apply to the development of facilities in elementary school neighborhoods, secondary school districts, and communities and regions. Surveys made by members of the groups sponsoring the conference have shown that, prior to the war, millions of dollars were wasted on the construction of poorly planned facilities which did not meet the all-around needs of the community.

In view of the fact that post-war plans call for the expenditure of hundreds of millions of dollars for the construction of athletic and recreation facilities, it is expected that the establishment of standards will greatly expand recreational opportunities for the child, youth and adult populations in hundreds of towns and cities.

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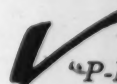
What leading
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"P-F"



"P-F" makes a really big difference! I find we have less tired legs and knees.



My boys can go at top speed much longer.



"P-F" practically eliminates foot and ankle taping.



I wouldn't think of using anything else . . . they're far safer for my players than any other shoe we've ever tried.

HERE'S WHY... Basketball Shoes with "P-F"—Posture Foundation—give athletes what they want and need. "P-F" is a special, patented, built-in feature that increases your team's "staying power," guards against flat feet, provides safe, correct, comfortable foot support. Every coach knows just how important these things are to his team. And remember, "P-F" Basketball Shoes are made only by B. F. Goodrich and Hood Rubber Company. (1) This rigid wedge keeps the bones of the foot in their natural, normal position. (2) This sponge rubber cushion protects the sensitive area of the foot.

Specify basketball shoes with "P-F"

Exclusive with
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"P-F" means
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PLUS FEATURES:

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3. Extra quality army duck loose-lined, ventilated uppers
4. Ventilating eyelets



'KANTLEEK' BLADDERS

Ever count the number of times a football is kicked and cuffed, tossed and tumbled during an average game? That ball must be just as alive at the final whistle as it was at the kick-off! The ball with the KANTLEEK bladder is. The KANTLEEK bladder — with the patented KANTLEEK all-rubber valve — holds air longer. It's smooth, strong, uniform. Shaped to conform perfectly to the ball, it fits the casing without pinching. Used in preferred official balls, it's the bladder that always stays in the play.

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FINEST QUALITY SINCE 1877

"Here Below"

(Continued from page 7)

On the way out, Howie insisted on showing us around the athletic building. He seemed proud as a new papa about it. He pointed out the huge room where the coaches and their wives have socials once a week, indicated items of historical interest, took us through the team rooms, even insisted upon showing us the lavatory.

We pushed in the doors and looked around. Howie beamed with pride. "Look," he said, "chromium fixtures!"

NOT since the invention of assistant coaches has a device as utilitarian as the camera come along to lend aid and comfort to our head coaches.

Take a look at our new-films department on page 42. At least 10 instructional films of various types are now being readied for school consumption. That's certainly a record crop.

We've previewed all of these films and can certify, on oath, to their usefulness. One or two of them may never win Oscars for direction. But the skill-breakdowns are uniformly good.

Yep, the camera has definitely arrived as a coaching aid. It never lies, it sees all—and you can't talk back to it.

Out in Southern California, Mr. Jeff Cravath, a shutterbug of long standing, is now making coaching history with the magic eye. Thanks to a new robot-type movie processing machine, Jeff is showing his boys all their mistakes—just a few minutes after they make 'em.

Regular 16-mm. pictures are shot during the first half and rushed to the machine in takes. By the time the players retire to the dressing room, the first half is all ready to be screened and analyzed!

Next thing you know, they'll be showing the boys double features and giving away a set of dishes to each and every holder of a broken arm.

DURING the past five or six years, a number of pretty good bills having to do with federal support for physical education and athletics came to bat before Congress—and went down swinging.

Another bill—S. 2070—will probably come up when Congress convenes next January, and it merits your support. If passed, this bill will authorize the Federal Security Administrator to assist the states in

the development of community recreation programs.

Believe it or not, of the more than 16,000 incorporated communities in the U. S., some 12,000 have no organized recreation services. What's more, although these thousands of communities need professional and technical advice in developing their recreation programs and facilities, there is no federal agency and few state agencies from which such counsel or assistance is available.

Bill S. 2070 calls for the creation of a National Advisory Board on Recreation Services consisting of the Federal Security Administrator and such other members as the Administrator deems necessary.

Without interfering with the prerogatives of the states and community to provide the right amounts and the right kinds of recreation activities, the bill will make available urgently essential services to the many thousands of recreation-starved communities.

RICE DIET

JUST when we were beginning to believe that Grantland Rice had forsaken the sweet little muse of poetry, up he popped with this resounding piece of doggerel to restore our faith in him.

*You know of the city of Boston,
The home of the bean and the cod,
Where the Cabots speak only to
Lowells,
And the Lowells speak only to God.
Where Cronin won't speak to a
Lowell,
And Williams, the king of his class,
Slips barely a nod to the Cabots
Whenever they happen to pass.*

*Now Back Bay, the center of cul-
ture,
No longer retains its renown,
As Bobby Doerr gets all the plaudits
And Pesky's the talk of the town.
Fair Harvard is almost forgotten,
Where Harlow was once the Big
Whiz,
And Saltonstall bows to DiMaggio
(Dom),
Who wonders who Saltonstall is.*

*Odd moments have happened in
Boston
Since she chucked British tea to the
brine.
Here's a city of class, meaning high-
brows en masse,
Where sport is the favorite shrine.
And if a stout fellow named Yawkey
Isn't in on a world series bid,
Then we lost the war to the Ger-
mans and Japs—
And maybe in some ways we did.*



"It's The Tee For Me"

That's what we hear from players, coaches and officials everywhere. They like its unique features. The way it's ingeniously designed to hold the ball at any angle, not one set position. They like its bright red color and compact size—small enough to be tucked in the referee's pocket. SEAMLESS "Official" Football Tee conforms to NCAA rulings—holding the ball exactly one inch off the ground. It is the favorite on high school, prep and college gridirons. Insist on the SEAMLESS "Official" Tee.

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Ed McKeever
Lynn Waldorf
Henry Frnka
Carl Snavelly
Jack Hagerty
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● All Basic Formations
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To High School Coaches!

SENSATIONAL 32-PAGE BOOKLET:

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Prepared by the Quaker Oats 1946 National Football Board

This booklet's a real encyclopedia of football plays! Here are the "game busters" that can help your team make longer runs and more touchdowns! Here are the fast plays that you can build into any offense. No matter what your basic lineup you'll find a type of offense to help win more games. Every play is okayed for adaptation to high school football by the Quaker Oats National Football Board: "Fritz" Crisler, Jeff Cravath, Lynn Waldorf, "Dutch" Meyer, Henry Frnka, Jack Hagerty, Ed McKeever, Carl

Snively and high school coaches: William Houghton, Massilon, Ohio; Dennis Gildea, Everett, Mass.; Howard Lynch, Amarillo, Texas; Leonard Watters, White Plains, N. Y.; J. G. Danilovich, Antioch, Cal.; Crockett Farnell, Tampa, Florida. "Rollie" Bevan, noted West Point trainer rounds out this board of authorities, with sound training advice. You'll want your team to have this remarkable book! IT'S FREE! Just fill in the coupon below and tell us how many you'll need!

America's Great Coaches Agree Top Cereal for Athletes is Quaker Oats

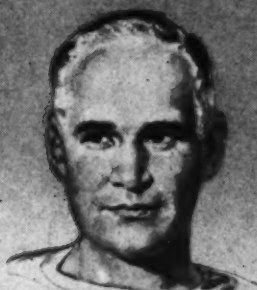
Here's what they all say: "Whole-grain oatmeal is a unique training food. Authorities agree that no other cereal equals it in protein, that great key stamina-and-growth element. They also agree it is "tops" in food energy, and that no other natural cereal provides so much Vitamin B₁ in its natural form. All athletes need an abundance of all three elements."



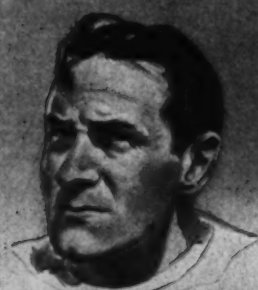
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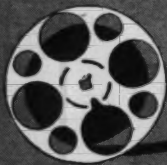
Please send me.....copies of "Touchdown Plays."

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School.....Squad Size.....

Street.....

City.....State.....



New Films for the Coach

Football: (1) BLOCKING, (2) TACKLING, (3) BALL-HANDLING. Produced by Encyclopaedia Britannica Films, Inc., in collaboration with Andrew Kerr. Supervised by Norman Sper. 16 mm., sound. Running time, 20 minutes each. Set, \$135; each, \$45.

THE Britannica people have done a fine job on these instructional football films. They've broken down all the basic techniques of blocking, tackling and ball-handling, showing each in both slow motion and normal speed.

The photography is sharp; the techniques professional—just right for high school and college visual educational purposes.

The scope of the films is all-inclusive. The blocking film, for example, analyzes all these blocks—body, straight shoulder, reverse body, shoulder brush, screen, knee, standing, blocking for kicker, and team blocking.

The various types of stances are analyzed in complete detail, as well as a good repertoire of stunts, such as shoulder dipping, feinting, and head and shoulder fakes. A section on double-team blocking covers the two-on-one, the high-low and shoulder blocks.

Ball-handling is covered in the same meticulous fashion. In addition to several helpful drills, the film analyzes stance, center snap, receiving the snap, kicker receiving the ball, the T pass, receiving a punt, forward passing and receiving, hand-to-hand passes in backfield, single and double reverses, spinners, ball-carrying, and straight-arming.

The tackling film opens with a series of game tackles, then dives into fundamentals—exercises, hitting the dummy, shoulder tackle, cross-body tackle, side tackle, high shoulder tackle, and sideline tackle.

The fundamentals are covered carefully and comprehensively, with the narrator indicating all the basic points.

INSIDE FOOTBALL. Produced by staff of Grantland Rice Sportlight under supervision of Lou Little. 16 mm., sound. Running time, 20 minutes. New York: A. G. Spalding Bros. Free.

PRODUCED under the eagle eye of Lou Little, Columbia coach, this film offers you a dainty morsel in the way of instruction on passing and kicking.

Four great pro stars—Ken Strong,

Sammy Baugh, Sid Luckman, and Don Hutson—give you the “works.”

Filmed in beautiful kodachrome, in both slow motion and normal speed, this excellent instructional aid comprehensively covers all the fundamentals of kicking and passing.

Strong demonstrates the punt, kick-off, placement, and quick kick. Baugh offers a *tour de force* on passing (long and short), stressing faking and footwork. Sid Luckman exhibits his forte—forward passing from the quarterback spot in the T, while Hutson, of course, runs away and hides in a skillful exhibition of pass receiving and faking.

As an added attraction, Chet Gladchuck, former all-America now playing for the N. Y. Giants, offers a nice treatise on center passing.

Each of these stars is shown to beautiful advantage, assisted by the Kings Point College team.

The film may be booked free of charge by writing to: A. G. Spalding Bros., Advertising Dept., 19 Beekman Street, New York, N. Y. All you pay is express charges.

PLAY BALL, SON. Produced by Herb Lamb Productions, Inc. 16 mm., one unit in sound (20 minutes); another unit silent (10 minutes). Sound unit, \$100; silent, \$50.

HERE'S a wonderful little package of simplified baseball instruction, dealing with a systematized method of teaching boys the ABC's of batting, fielding, throwing, and pitching.

The techniques used in this instructional program were developed by Bert Dunne, a baseball technician of long and honorable standing, who, to prove his system is applicable to players of any age, selected his models from boys under 14 years of age.

The job they do will astonish you. They demonstrate the basic skills with all the savvy and poise of big leaguers.

The picture comes in two units; a two-reel sound film with a running time of 20 minutes, and a reel of silent film in four sections with a running time of 10 minutes.

The sound film, which has an introduction by Joe Cronin, Boston manager, furnishes an overall picture of the skills. The finer points of batting, fielding, throwing and pitching are analyzed from all angles, with the action stopped at key points to permit the narrator to point out the details of form.

The silent reel breaks the tech-

niques into even finer detail, showing the essentials in slow motion and controlled speed shots. The techniques exhibited by the kids are superlative. Such big-league stars as Ted Williams and Bobby Doerr have given the film their complete stamp of approval.

The sound reel sells for \$100; the silent for \$50. Get 'em both; you'll be 102% satisfied.

FOOTBALL-UP-TO-DATE. Produced by the Official Sports Film Service under Supervision of the National Federation. Directed by A. A. Schabinger. 16 mm., sound. Running time, 30 minutes. Sponsored by the Wilson Sporting Goods Co. and General Mills. Service charge, \$4.

COACHES, officials and players will find *Football Up-to-Date* a boon in that it presents the high school rules and play situations in a graphic, interesting and thoroughly professional manner.

The new picture is full of interesting sidelights on rules development, facts about the high school athletic organization, inspirational football traditions, refreshing humorous touches and colorful play situations, some legal and others which demonstrate infractions. The continuity thread is the Football Code, its development and the part the high school athletic groups have had in keeping the game progressive and up-to-date.

The approach is scientific in that it analyzes the whole game of football and resolves it to the few fundamentals upon which the code is built. It is science pitched to the level of the player and fan, but such as to give the more technical coach or game official plenty of food for thought.

Through the entire picture, there is a balance of easily understood situations mixed with more technical rules decisions and thrilling playing strategy which tends to stimulate appreciation for the game and its code.

The code fundamentals are applied on the field. It is *Football Play Situations* transferred to the screen. A kick-off is short and is a foul. Another goes into the receiver's end zone for a touchback.

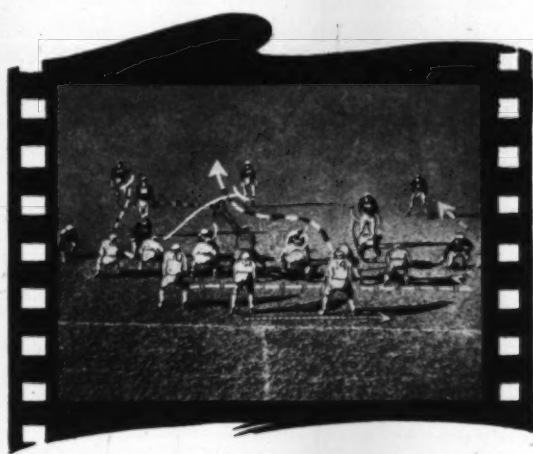
Code simplicity is stressed by broad, all-inclusive statements which, a few years ago, would have had to be hedged about by many complex exceptions. “A kick which goes into R's end zone becomes dead as soon as it touches there and it is a touchback. This applies to any kick whether free

(Concluded on page 47)

FOURTEEN BASIC PLAYS OF THE....

T-Formation

By
HOWIE ODELL



Order your set today. Entire series on the T-formation in natural Americolor — 15 film-strips, only... \$50.00

15 film-strips PLUS teaching motion picture giving motion, rhythm and timing, complete... \$70.00

Today, the T-formation is the most important offensive system in football, making our offer of a complete, authoritative, film-strip series on the "T" in all its aspects particularly timely. It has been supervised and directed by Howie Odell, head football coach at Yale — "one of the nation's top grid masterminds."

This new film-strip series shows a complete sequence of fourteen basic plays, photographed in actual scrimmage against a 5, 6 and 7-man line, completely diagrammed and with a complete and amazingly clear photo sequence keyed to the diagram. There are more than 450 individual frames. Players are followed from start to finish of each play and are marked in clearly identifiable colors, so that each man viewing the film-strip can follow his own position throughout the complete sequence. For instruction in offense or defense, this series is a "must" for any team.

Included is complete manual on the T-formation, by Howie Odell, with hints on how to get the most out of the film.

**T-FORMATION
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A silent 16mm film exclusively for educational purposes. The movie from which the film-strip was made, showing rhythm, timing and motion. Sold in combination with film-strip.

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Skill and Strength TESTS

by WILLARD SMITH

Willard Smith, Springfield College '24, has been director of physical education and coach at the East Syracuse (N. Y.) Schools for 19 years.

STRENGTH and skill tests have always been an integral part of our physical education programs—a great source of fun and an excellent means by which (1) to classify the boys according to ability, (2) to record their progress through the years, and (3) to uncover likely material for the varsity teams.

The success of the testing program at East Syracuse has encouraged the writer to pass it along here for what it is worth.

As you can see, the tests are simple in nature and easy to administer. The scoring system embraces every level of performance, particularly the lower levels, thus stimulating interest among the poorer athletes—who are usually the most easily discouraged.

While the mile run is a good test of endurance, it is not recommended for boys under 14. The half-mile run is a good substitute. If a boy is unable to run a half mile, have him walk the distance, connoting the fact with a (W) next to his score. The 1-10 scoring system can be retained, but you may have to work out a new time plan.

Along the same line, if the 12-lb. shot is too heavy for the smaller boys, substitute an 8-lb. ball. Note this with an (8-lb.) mark on the score card.

To equalize the competition, forbid cleats or spikes in the football and track items. Have the boys compete in leather or rubber-soled shoes.

At East Syracuse, these tests are given at every change of grade. The scoring is recorded on individual record sheets, enabling us to check on every boy's progress.

The scoring system was arrived at through a careful statistical survey. Hundreds of boys were tested to arrive at mean performances. In

(Continued on page 46)

FALL TERM (FOOTBALL)

Punt	Yards	10	15	20	25	30	35	40	45	50	55
	Points	1	2	3	4	5	6	7	8	9	10
Drop-Kick	Yards	5	10	15	20	25	30	35	40	45	50
	Points	1	2	3	4	5	6	7	8	9	10
Center Pass	Scored	1	2	3	4	5	6	7	8	9	10
	Points	1	2	3	4	5	6	7	8	9	10
Punt Pass	Scored	1	2	3	4	5	6	7	8	9	10
	Points	1	2	3	4	5	6	7	8	9	10
Forward Pass	Scored	1	2	3	4	5	6	7	8	9	10
	Points	1	2	3	4	5	6	7	8	9	10

WINTER TERM

Rope Climb Hands & Feet	Seconds	23	21	19	17	15	13	11	9	7	5
	Points	1	2	3	4	5	6	7	8	9	10
Pull-Ups Front Grip	Number	1	2	3	4	5	6	7	8	9	10
	Points	1	2	3	4	5	6	7	8	9	10
Fence Vault Either Side	Height	3' 3/4"	3' 8"	4'	4' 3"	4' 6"	4' 9"	5'	5' 3"	5' 6"	
	Points	1	2	3	4	5	6	7	8	9	10
Push-Ups Body Straight	Number	5	10	15	20	25	30	35	40	45	50
	Points	1	2	3	4	5	6	7	8	9	10
Sit-Ups Elbow Touching	Number	10	15	20	25	30	35	40	45	50	55
	Points	1	2	3	4	5	6	7	8	9	10

WINTER TERM (BASKETBALL)

15' Dribble R. Hand Layup	Goals	1	2	3	4	5	6	7	8	9	10
	Points	1	2	3	4	5	6	7	8	9	10
15' Dribble L. Hand Layup	Goals	1	2	3	4	5	6	7	8	9	10
	Points	1	2	3	4	5	6	7	8	9	10
10 Foul Shots Under-hand	Goals	1	2	3	4	5	6	7	8	9	10
	Points	1	2	3	4	5	6	7	8	9	10
Rainbow Shots 16' Arc from Goal	Goals	1	2	3	4	5	6	7	8	9	10
	Points	1	2	3	4	5	6	7	8	9	10
5 R. 5 L. Hand Shots From Foul Line	Goals	1	2	3	4	5	6	7	8	9	10
	Points	1	2	3	4	5	6	7	8	9	10

SPRING TERM

High Jump	Height	2' 8"	3'	3' 4"	3' 8"	4'	4' 4"	4' 8"	5'	5' 3"	5' 6"
	Points	1	2	3	4	5	6	7	8	9	10
Broad Jump	Distance	8'	10'	12'	13'	14'	15'	16'	17'	18'	19'
	Points	1	2	3	4	5	6	7	8	9	10
100-Yd. Dash	Seconds	19"	18"	17"	16"	15"	14"	13"	12"	11"	10"
	Points	1	2	3	4	5	6	7	8	9	10
12-Lb. Shot	Distance	10'	12'	15'	18'	21'	23'	26'	29'	31'	34'
	Points	1	2	3	4	5	6	7	8	9	10
One-Mile Run	Time	20'	18'	16'	14'	12'	10'	9'	8'	7'	6'
	Points	1	2	3	4	5	6	7	8	9	10

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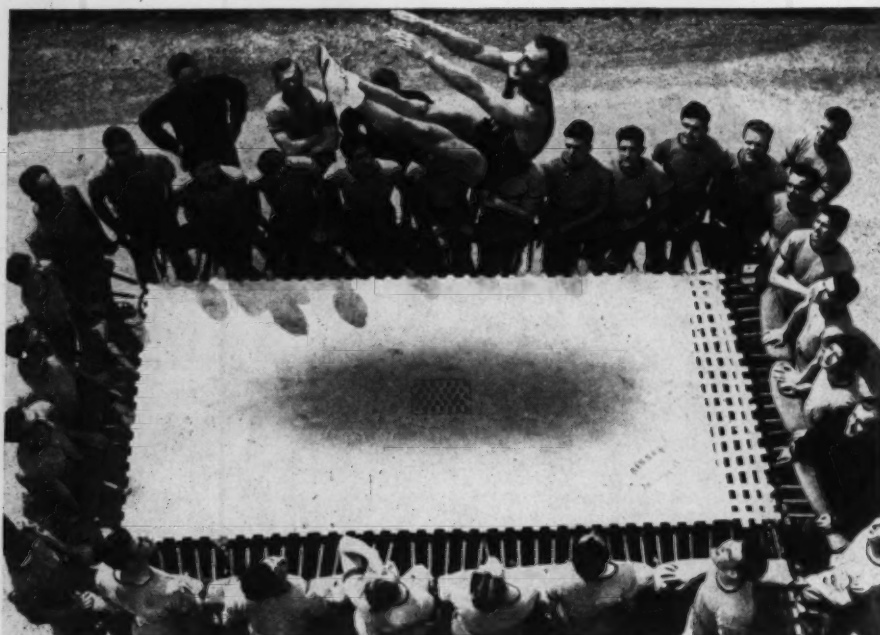
From Baker Field to the Rose Bowl, from September to New Year's Day, America's best-dressed elevens will line up for the kickoff clad in Combat Cloth* — the 100% nylon fabric by Skinner.

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*Reg. U. S. Pat. Off.



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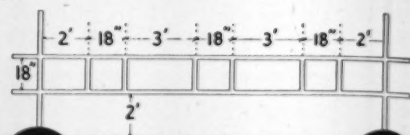
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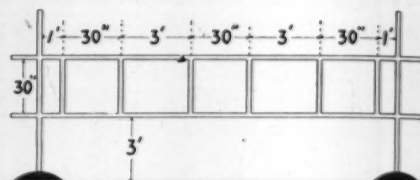
making out the tables, we built the point awards around these mean figures.

The tests themselves are few in number and are part of most physical education programs.

Very little equipment is required in the application of these tests. What equipment is needed may be made by your shop department. The dimensions for the center-passing (football) devices are given below.



Device for center-passing tests, consisting of high-jump standards and a frame made from 2" x 4" x 16'. The boys stand five yards away, opposite the 18" squares, which they attempt to center-snap through.



Device for center snap for punts, consisting of the same materials as above. The boys take positions ten yards away opposite the 30" squares, which they try to pass through. For forward passing, the same frame may be used by raising it an extra foot (four feet from ground).

H. S. Rules Changes

(Continued from page 32)

a dead ball. Touching always precedes actual possession, and if the situation is such that the touching causes the ball to become dead, then the following possession is merely getting possession of a dead ball.

Play: On kick-off, ball goes into R's end zone. K2 is down the field fast enough to catch the ball as it bounces into the end zone. **Ruling:** Touching anything in the end zone immediately killed the kick (this applies to any legal kick). Hence, the possession which immediately followed the touching was merely the securing of possession of a ball which was already dead and was a touchback.

Probably the most closely observed change will be that in connection with substitutions. In all football meetings, coaches are being urged to refrain from attempts at unnecessary delays or circumventions. This rule will be an aid in preventing unpopular "dragging" of a game, if coaches will use their efforts in adhering to the spirit as well as to the letter of the rule.

The Rules Book, the Play Situations Book, the five Interpretation Meeting Bulletins, and the Player's Handbook—are all available for immediate distribution.

New Films for the Coach

(Continued from page 42)

kick, return kick or kick from scrimmage."

"If a foul occurs during a kick-off administration is exactly the same as for a foul during any other kick, whether free kick, return kick or kick from scrimmage." In the words of the narrator, "Thanks to modern rules, it's simple as A-B-C. Well-1-1 almost."

Bookings for the film may be obtained through the state-association secretaries in Alabama, Connecticut, Delaware, Florida, Idaho, Indiana, Iowa, Kansas, Kentucky, Massachusetts, Michigan, Minnesota, Nebraska, New Mexico, Ohio, Oklahoma, Pennsylvania, South Dakota, Tennessee, Washington, Wisconsin, and Wyoming.

Other states may obtain the film by writing to the agencies denoted in the advertisement on page 6. The only fee is a \$4 service charge.

ATHLETIC INJURIES, Their Prevention and Care. Produced by Charles T. Chapman for the Bike Web Mfg. Co. 16 mm. sound, one 1600-ft. reel, full color. Running time, 35 minutes. Free.

ALL together, trainers, a loud whoop and holler for Bike Web. They've turned out a picture that represents the *ne plus ultra* in instructional trainer's films.

With Carl Erickson, famous Northwestern trainer, behind the tape, the film presents 35 minutes of concentrated instruction on the prevention and care of the more common athletic injuries.

Erickson is truly a wonder man. He works swiftly and thoroughly, making it all look unbelievably easy. And it is easy—when you know how.

Using both tape and tensor bandages, Erickson demonstrates the soundest methods of strapping injuries to the vital parts of the body: ankle, shin, knee, back of leg, groin, hip, shoulder, rib, heel, and thumb.

The bandages are all shown step-by-step, with the Northwestern tape wielder indicating the origin and insertion of each strip.

In addition to the straight taping jobs, the film contains useful information on toughening drills for football, general tips on conditioning, the components of a training room and first-aid kit, the adjustment of the protective pads in football uniforms, how to apply analgesic packs and heat, and other helpful essentials.

Added attractions include a number of interesting game scenes and a section on the manufacture of tape. Guess whose brand?

The narration is nicely detailed, describing each strapping clearly and professionally, and the film on the whole is very easy on the eye, being entirely in color.

This is definitely a four-star job.



FUN WITH A 22 LEADS TO FAME ...WITH A 52

There's no thrill equal to having one of your ex-pupils finish in the money in the National Rifle matches at Camp Perry. You really see target shooting there, with an outstanding preference for the world-famous Winchester Model 52 Target Rifle.

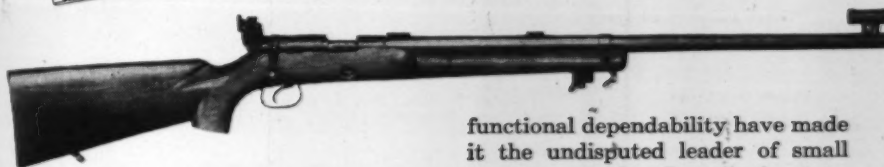
Get your team of youngsters started right now, with the lower priced but extremely accurate Winchester Models 69 and 75... and plenty of Western Xpert 22 cartridges. Later they'll graduate to a Winchester 52—the world's finest target rifle.



FREE: Let us send you the SMALL BORE RIFLE HAND-BOOK. You'll find it helpful in coaching every phase of small bore shooting. Address Dept. E3... Western Cartridge Company, East Alton, Illinois, Division of Olin Industries, Inc.



Expert shooters prefer Western World Champion Ammunition... Xpert 22's for all-around shooting, Super-Match Mark II for close competition.



Whichever gun a beginner chooses, he eventually graduates to a Winchester Model 52. Its accuracy and

functional dependability have made it the undisputed leader of small bore target rifles. Its wins in state, regional, National and International Matches are without parallel in shooting history.

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Contents include: Bounce Pass, Baseball Pass, Two-Handed Pass, Shovel Pass, Overhead Pass, Hook Pass, Chest Shot, Lay-Up Shot, One-Hand Set Shot, Pivot Shot, Foul Shot, Dribbling, Individual Offense, Individual Defense, and

Switching. Also important training and conditioning tips to help keep your squad in top physical condition.

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WHEATIES "Breakfast of Champions"

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Football for Graders?

by LYMAN L. BRYAN

Lyman L. Bryan, an Oklahoma University student who writes articles on the side, offers a brief for grade-school tackle football, based on his coaching experience in the successful grade-school league in Norman, Okla.



AROUND right end, sweeping and dodging, the half-back carries that ball! Up from the secondary comes the defensive left half to cut him down with a smashing knee high tackle.

Our speedy halfback weighs 75 pounds and his tackler not more than 80. This is grade-school tackle football!

Tackle football for 11, 12, and 13-year-old boys is a little frightening to parents who regard the grid sport as too rugged for little Bobby's sixth-grade constitution. "Touch football? Well, maybe, but actual football? No—grade-school youngsters are not sufficiently developed for hard-contact sports."

So the critics say—before seeing a well-supervised program in action. After watching a full season of bruising tackles and vicious line play produce no ill results, these same critics often become the sport's most ardent supporters.

In Norman, Oklahoma, we have a grade-school athletic conference, composed of five teams from the McKinley, Wilson, Washington, Jefferson and Lincoln elementary schools.

Each team competes against each of the others twice during the season, making a total of eight games in all. Fortunately, each grade school has a big enough yard for a midget-sized football field, enabling the teams to meet each other on a home-and-home basis.

The attendance sometimes rivals that of the local high school games. Parents, teachers, and plain John Fan attend and lose themselves in a really exciting contest, for these games are as thrilling as any college contests if it's your son or your neighbor's son out there reeling off yardage.

The playing field is somewhat abbreviated in size, being 40 yards

wide and 80 yards long. Goalposts are on the goal line. Extra points are tried from 12 yards out. If the team chooses to run across the extra point, it only has to cross the 10-yard stripe.

Goal posts are standard in height and distances, and are built from 2-by-4 inch lumber lengths. Each quarter is eight minutes in length.

Now to answer those who think tackle football is too rough for grade-school boys. Last year over 150 boys participated in our football program, and there were no injuries serious enough to bench an athlete for more than one or two games.

While there's no way of accurately estimating the benefits derived from the program, you may safely say that these contests develop coordination, muscular development, and fast thinking.

All important to coaches, as well as to sports-loving fathers, is the fact that the program has paid dividends in producing good football players. Our little town more than holds its own in competition with larger high schools, chiefly, I believe, because of our players' early training. We've had several all-stars, and a good many college stars.

An interesting sidelight to the program is the feminine rooting section. I'll admit some of the cheering is strangely similar to that used in Norman High School, but it is well-meant and appreciated by my boys, most of whom grandstand for the girls anyway.

Coaching techniques are surprisingly advanced. I find that grade-school boys can learn just as many plays as high schoolers.

Last season I used the T-formation with occasional plays off the spread and double wing. All my plays involved a great amount of faking and ball-handling, but the boys handled them perfectly. Before the end of the season, we had 20 plays. Other coaches in the conference resorted to the same formations, with one school using some plays off the single wing.

(Concluded on page 55)

From Coast to Coast Ex-coaches now Earn Increased Incomes

From state to state the reports come in . . . former school and college coaches are "making good" in new careers as Mutual Life field underwriters.



MICHIGAN: "...a pleasant and highly profitable career."
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OREGON: "My income has increased, and my family now feels secure." (W.R.)



NEW YORK: "Just started. But my earnings are already up 35%." (W.K.Y.)

Those quotes are typical, and with good reason. For the same qualities that make good coaches tend to assure success in the well-paying profession of life insurance selling.

To determine your own probability of success, Mutual Life offers a scientific Aptitude Test, which coaches can take in their own homes. Qualified men are given sound schooling in result-getting methods, in conjunction with actual selling experience in the field, and are paid a salary while becoming established.

Once on their own, their earnings are limited only by their own efforts and abilities. \$6,000 to \$9,000 a year is not uncommon, while the Mutual Lifetime Compensation Plan further encourages and rewards career-minded men with many unusual features.

Send for our Aptitude Test today. It may be your first step toward a profitable new career.

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Lewis W. Douglas,
President

GENTLEMEN:

Please send me your aptitude test.

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Home Address _____

9-13

UP IN THE AIR *in the Fall*

by W. HAROLD O'CONNOR

A Scholastic Coach contributor of long and superlative standing, W. Harold O'Connor is now happily ensconced in his new track coaching job at Concord (Mass.) High School.

ONCE every decade or so, you may find a young high jumper who'll hit 5-10 after only a few weeks of practice. Until that lucky decade, you'll have to depend upon traditional means of developing jumpers.

This training program is compounded of blood, sweat and tears. There is no royal road to success. In fact, if you want your high jumpers to blossom in the spring, it pays to sow your seeds in the fall.

Most track coaches (without football duties) can afford the time in the fall, cross-country competition notwithstanding. Since most of the weight men and some of the sprinters will probably be playing football, a lot of time can be spent on the jumpers.

The first move should be to screen the material. A simple jump test will suffice as a starter. What you're looking for is a boy with above-average leg spring.

Gather all the boys you can interest, in the gym. Give each candidate a piece of chalk and place him close to a wall, with his side barely touching. Have him reach up as high as possible without raising his heels and draw a mark on the wall. Then have him crouch and spring as high as he can, marking the wall at the peak of his jump.

Measure the distance between the two marks. The boys with the best distances will probably make your best high jumpers. By employing some of your track squad as assistants, you can screen all the boys in half an hour.

The Take-Off

(Western Roll)

Delos Thurber, former U.S.C. champion, is shown here attacking a bar 6 ft. 6¾ in. above the ground. He beats down forcibly with the right foot (2) and throws his left leg vigorously forward and upward. The arms go up at the same time to maintain balance and generate lift. As the left leg goes up, Thurber straightens the right knee and rocks up on the toe (3). The right leg is flexed as the jumper leaves the ground (4), and the arms begin to reach forward. Now turn to page 52.

Jot down for reference any tall boys who make good marks in the test. Don't overlook anybody who really gets up there, even though he may be of only average height. While most champions are tall, many high school point scorers are rather short.

Remember, high jumpers have to get their heads well above the bar. The boy who hasn't the bounce to get up there, isn't going to do much no matter how tall and willowy he may be.

The test isn't all. You want to know something about the coordination of the boy. To check this, set up a cross-bar at about four feet and send the boys over it. Let them jump any way they wish and from any spot.

Then have them run from the opposite side and try a take-off from the other foot. The results are frequently surprising.

Take particular notice of the boys who make good marks in the jump test and show good coordination in their first few trials. Also note the boys who seem rather lazy and loose.

Let's say you have now settled upon half a dozen boys, preferably sophomores and juniors, who show potentiality. My advice is to start them immediately on the Western Roll. I discourage the scissors jump, and am reluctant to start high school boys on the stomach roll. After I have a boy doing well on the straight Western, I may switch him over to the stomach roll. As a rule, though, the timing of the turn in the stomach roll seems a bit too much for the average high school beginner.

In starting actual practice, I like to lower the bar to about two feet and demonstrate the proper take-off, lower leg tuck, and landing. I make a boy do this dozens of times the first day. I want the leg action to be automatic. You'll be surprised how many experience difficulty



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the American—a record unmatched in the entire history of Sports! The executive bodies of BOTH Leagues have again adopted these "Twins of the Majors" as OFFICIAL for the next ten years.

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with the correct form even at this low height. Stick with them until they get the idea.

Next I like to raise the bar to about 3-6. Here, some who used correct form at two feet, have trouble. They shift their style. I try to catch this immediately. I insist that they use correct Western form whether they clear the bar or not. If things go well, I raise the bar another six inches or even a foot.

For several days we work at nothing but these low levels. I am looking for the high kick of the lead leg and the quick tuck of the bottom leg.

I suppose you are wondering what I say about the approach and the number of steps. Frankly, I don't say anything about them until the boy is getting the lead and tuck quite smoothly. Then I slow down his approach and try to settle with him the run that seems best suited to his particular style. We do a lot of experimenting at this stage. We try different angles of approach, different speeds, and different lengths of run.

We next concentrate on the rock-up off the take-off foot. We try to be sure he is not leaning his shoulder toward the bar when he plants that take-off foot. I like to combine the instruction on the take-off with a word or two about a hard upward thrust of the arms.

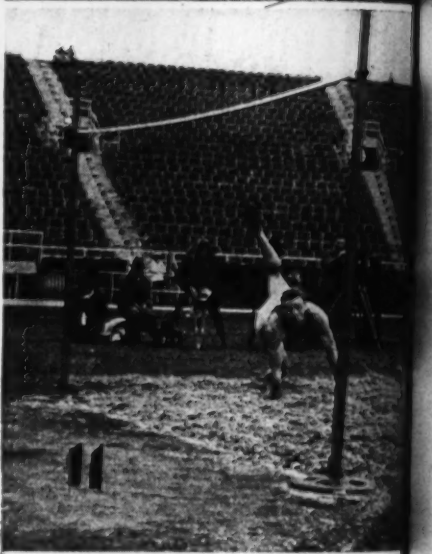
After the boy has shown satisfactory progress in the high kick, the tuck of the bottom leg, an easy relaxed approach, and looks something like a high jumper as he goes up; then I go to work with him on the higher levels. I now want the bar up where he has to make an effort. Five feet or thereabouts is a good working height.

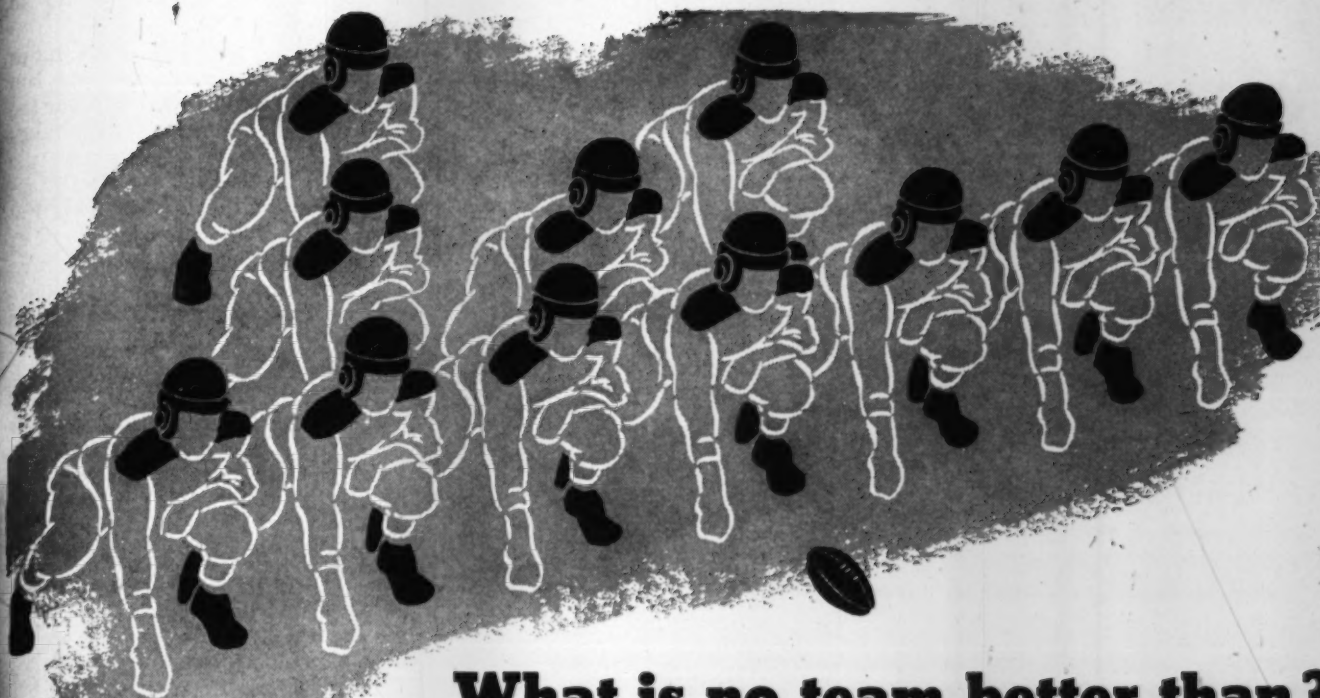
It is at this point that I concentrate upon getting the boy in close for his take-off. The bar is up high enough so he cannot broad jump very comfortably. In my opinion, this tendency to broad jump the bar is the main fault of most beginners. I try to overcome this by pointing out that the cross-bar is only a little more than an inch wide and there-

(Concluded on page 54)

Layout and Descent

As Thurber lays out, the left leg remains straight with toe pointed upward and right thigh parallel with ground. The right or lower hip is the greatest hazard to clearance here, and Thurber makes a conscious effort to raise it by snapping the right arm back and down and the head backward to his right (8-9). He then makes a relaxed landing on the right foot and hands (11).





What is no team better than?

The picture answers the riddle. No team is better than its leather. A team equipped with good leather, kept in good condition, plays a faster, better game. Don't slow up your players by giving them water-stiffened shoes or helmets and shoulder pads rotted by mud, sweat and rain.

It's easy to keep leather in tip-top shape if you use Dewatex. For Dewatex-treated leather is absolutely waterproof . . . always supple and in good condition . . . always ready for use. Dewatex lengthens leather life on the *inside* as well as the outside by checking perspiration rot . . . yet permits the leather *breathing* essential to comfort and health.

THERE'LL be fewer fumbles in wet weather when the football is Dewatex-treated. Just apply a thin coating of Dewatex to the surface of the ball . . . an extra coat for the seams. After ten minutes, wipe off excess Dewatex and apply a light coat of good shoe polish. The ball will resist water absorption, last longer, handle more easily in the rain and mud.

Keep your leather equipment costs down. Keep playing efficiency up. Order Dewatex, for better football, from your sporting goods dealer or send the name of your jobber to one of our representatives.

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fore it is rather foolish to try to jump across it.

I stress the fact that if he jumps straight up, the speed of any run will carry his body well beyond the bar. I have my jumper set his take-off mark. This will vary with the individual, but have him stand facing the bar in the angle of his run and make a chalk mark on the floor about three feet, four inches from the cross-bar. Have him go back four running strides, keeping his angle correct and there let him place a second mark.

That's all I want and that's enough for him to worry about. He may take three or four steps before he hits his first mark, but he must be sure to hit that with his take-off foot.

My next point is demonstrated with an ordinary rubber ball. Have the boys watch what happens when you drop a live rubber ball on the floor. They can see that there is a slight rebound. Then throw the ball down hard. Tell them that their muscles are the rubber ball that bounces them into the air. I think they will be quick to see the necessity of a hard foot stamp and rock-up of the foot at the take-off.

Now I begin working on the factor in the Western Roll that seems to me of greatest importance. I refer to the proper layout over the bar. The first thing I go after here is a fast, hard snap of the bottom leg. I like to see the boy's knee brought well up toward his chin as he clears. I want the boy to make a conscious effort to whack the bottom leg hard against the top leg for a secondary lift.

Keep harping on this point. Make the boy realize that the closer he gets to the bar in his take-off, the faster and harder he must snap that bottom leg into place.

I have worked out a stunt that has been a great help in getting boys to level off over the bar. I take a piece of yarn and stretch it between the standards about 18 inches above the cross bar. I then have the boy make his jump between the yarn and the bar.

It may look very narrow to him, but I assure him he can do it. When I want a boy to concentrate on getting his legs up I have him try to break the yarn with his feet. Most of my work with a good jumper at this stunt is done with the bar at about 5-4. You can vary the height to suit yourself.

If you have some good mats (indoor jumping) or a good soft pit (outdoor work), the boys will not fear landing on their hands and inside foot as they should in the Roll.

Football for Graders?

(Continued from page 49)

Parents were overwhelmingly for the program. Since our practices were after school, they gave the boys an outlet for energy which might have been diverted toward less wholesome ends. Too, it provided competition, developed physical ability, and taught the meaning of sportsmanship and team play.

Two of the coaches last year were students at the University of Oklahoma at Norman. The other three were principals of their grade schools.

The Norman High School athletic association pays each coach \$20 per month for his work. It isn't a bad investment, for the association gets approximately 250 hours of coaching per month for a total cost of \$100. I doubt if any other coaching setup is less costly to the institution. But there's something to be said for the fun in coaching. If I didn't enjoy it, it would take a lot more money to retain my services.

Equipment is a major problem. Most of the boys have older brothers with access to shoulder pads, helmets, and jerseys. The only sort of tackling practice we can have is scrimmage, as we have no padded dummies to work with.

SCORES VARY

Scores vary greatly, but they are limited to a great extent by the eight-minute quarters. Nevertheless, in a game last year, my team, playing terrible football, trailed a bigger and apparently tougher school, 35-0, at the half. We took our halftime pow-wow, reviewed our troubles, counted our bruises, and went out to score three touchdowns, losing by only 35-21.

My left end burst into tears at the finish, because he dropped a pass that would have meant another touchdown. That's the sort of never-say-die spirit founded and fostered in these games.

Last year two schools, Jefferson and Lincoln, dominated the conference, walloping the smaller schools with the greatest of ease. Each won a game against the other, necessitating a playoff at which admission was charged. The rubber game drew a crowd of almost a thousand. The teams played a 6-6 tie, and the athletic association awarded trophies to each.

Football isn't the only sport sponsored in our grade schools. The same teams compete just as heatedly in basketball, softball and track.

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ALFRED KAMM, Executive Director

July 30, 1945

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Gentlemen:

Rifle shooting is a grand sport but only a small percentage of our youngsters become interested in it because of handicaps that are placed in their way. Give boys and girls the right kind of instruction and they will flock to the range; and, what is more, they will soon give adult shooters plenty of competition.

The need and value of expanding the program of rifle shooting are generally recognized. Here are some pointers that I feel will help develop many more junior marksmen. Let the boys and girls shoot; avoid lecturing. Give pointers to the shooter according to his needs and progress. Avoid going into details about the game with beginners; start shooting. Provide a safe place to shoot with a sufficient number of firing points to eliminate a long period of waiting. Do not distribute ammunition until all is ready for actual firing.

Get instructors who like and understand youngsters. Make the game as inexpensive as possible for the boys and girls. Affiliate with the National Rifle Association. In addition to shooting qualification scores for N. R. A. emblems and diplomas, get teams organized for competitions, hold individual championships of all kinds, and enter teams in national competitions.

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Cordially,
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HEALTH EDUCATION IN RURAL SCHOOL AND COMMUNITIES. By Nina B. Lamkin. Pp. 209. New York: A. S. Barnes & Co. \$2.50.

SCHOOL administrators and teachers in rural areas will find this book a valuable instrument in locating health problems demanding attention, and in developing a practical program of health education based on daily life situations in rural schools, homes and communities.

The author, who is director of health education for Nebraska, has arranged her material in five sections:

(1) Health Problems, (2) Helping Children Understand and Practice Healthful Living, (3) Helping Children Understand Life in the Rural High School, (4) The Teacher's Health and Preparedness, and (5) Additional Helps.

All in all, the book offers a sound exposition on the whole life of the child and the use of health services in aiding and abetting that life.

THE TRAINERS BIBLE (Eighth edition). By Dr. S. E. Bilik. Pp. 374. Illustrated—free-line drawings. New York: T. J. Reed & Co. \$2.50.

AFTER three and a half years in the reconditioning wards of soldier hospitals, "Doc" Bilik celebrated his return to civilian life with a careful and complete revision of his fabulous trainer's manual.

This is the eighth edition since 1916, which is about the best testimonial the book can have. Perhaps the most practical training book ever written, *The Trainers Bible* contains material only of definite value to the men charged with the care and treatment of athletic injuries.

Concise and clearly packed into its 374 pages are practical aids on anatomy, physiology, physical examination, diet, massage, hydrotherapy, bandaging and taping, conditioning, prevention of athletic injuries, treatment of injuries, and common ailments.

THE QUARTERBACK'S BLUE-BOOK. Prepared by Standard Lambert. Pp. 10. Rustin, Tex.: Standard Lambert. 50¢.

OUR Texas aficionado, Standard Lambert, has prepared this neat, paper-bound book as a practical aid in the development of good quarterbacks.

The book is arranged in scorebook fashion, with the first section devoted to play charts. Each chart has seven blanks through which the tabulator watching the game follows the action.

He marks the down and distance to go for each play, the position on field, the play call, the ball-carrier, the gain or loss, and the defense. A space for comments follows.

The back of the book contains summary sheets for the running, passing and kicking games.

This play-by-play tabulation gives the coach the most important elements of the tactical situation under which each play was called, and the results obtained. He may then show the quarterback which elements of the tactical situation contributed to the success or failure of the play, and what he himself would have called under the given conditions—a most effective teaching device.

GUIDANCE OF CHILDREN THROUGH PHYSICAL EDUCATION. By Dorothy La Salle. Pp. 292. Illustrated—photographs. New York: A. S. Barnes & Co. \$2.50.

MODERN physical education embraces more than the development of good health and muscular strength. Just as valuable are the opportunities it affords for helping youth develop basic understandings, skills and habits which have both an immediate and longtime value.

The author, a visiting professor of physical education at the University of Michigan, shows you just how to work toward these values in the elementary school—what to do, when and how—and what changes both the teacher and the children may look for.

She shows how to set up definite program objectives, how to organize the class, how to manage equipment, how to develop leaders and teach skills. She also carefully analyzes a fine selection of games for the first five grades.

THE ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION (Third edition). By Jesse Feiring Williams and Clifford Lee Brownell. Pp. 483. Illustrated—diagrams and tables. Philadelphia: W. B. Saunders Co. \$3.

THIS standard physical education text has been nicely overhauled to conform to the latest changes in the field, and should be of great help in stating policies, defining procedures and developing standards.

It presents information relative to the intricate administration of the large city school system as well as materials which will enable the beginning teacher in rural communities to plan his work more effectively.

The new addition has combined and streamlined the former two chapters
(Concluded on page 74)

FOOTBALL!

FUNCTIONAL FOOTBALL By John DaGrosa

John DaGrosa needs no introduction to the football public and profession. His 1945 Holy Cross team was one of the leaders in the East and went to the Orange Bowl. More important, he has been a lecturer at coaching schools and clinics all over the country for many years.

As an author, he has analyzed every department—every technique of the game, and used the findings upon which to base this book. He teaches graphically every technical move—every strategic maneuver of individual and cooperative play—from fundamentals to the advanced stages. He avoids

pet theories or methods of play but presents an unbiased picture of the fundamentals of all systems of play, their strengths and weaknesses and how to use them. He shows how the system is fitted to the material and how to make original plays—your own plays!

Taken over from another publisher, FUNCTIONAL FOOTBALL has been revised, and the popular "T" formation is considered in full, the objects of certain techniques are more clearly cited. Six-man football is discussed in detail; and new data has been added to the chapter on the history of the game.

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
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This unusually helpful football symposium is reprinted from the proceedings of the 23rd annual meeting of the American Football Coaches Association (College) in St. Louis on January 9 and 10.



CHAIRMAN (Ray Eliot):

We are open for any question you might have on offensive football. I will start the ball rolling by asking one. This concerns the merits of the direct hand-off against the pivot-hand-off in the T. That is, which do you like best—stepping sideways and handing the ball or pivoting and doing it?

Ed McKeever. You have a man on the dais who is one of the finest exponents of the direct cross-over—Don Faurot. We, however, like to reverse pivot because we believe it offers more deception on counter and cross-buck plays. We believe also that it adds a little more to the overall attack.

We found that during the season our quarterback had the right hand too far in and he was fumbling too much. We brought his hand back and had the center drive the ball straight back to his hand. In this way, a lot of fumbling was eliminated.

The matter of footwork depends entirely on what the coach is trying to do with his type of play and the T he is using.

We try to form a pocket for our passer and always bring him back at least three to five yards. Our regular blocking against a six has the fullback on the strong-side end, tackle on tackle, guard on guard, center on weak-side guard, guard on tackle, and tackle on end.

If the opponents run a line backer up, we have our loose halfback take the end and the fullback take the man coming through. The weak-side end handles the end on his side. We try to make contact as soon as possible, riding the defensive men away from the pocket set for the passer.

Question: What type of block do you use in the line and in the back-field?

Mr. McKeever: We use a shoul-

der block in most cases, but will now and then hit with the shoulder and swing around to a reverse block. On pass protection, the head is always to the inside with the feet well under the blocker and the inside elbow next to the body. The lineman and backs hit with everything they have to try to take the shock away from the defensive man.

In other words, try to keep the men from penetrating, which makes an easier block. But if you can ride him to the outside, it is still just as effective. In line blocking, the blocker tries to give the defensive man only one way to go, and that is to the outside.

Question: How do you number your passes? Is it best to describe the pass in the huddle and tell the fellow where to go, or is it best to have a set pass?

Jim Lookabaugh: We call the play in the huddle. That is, we have a certain number that designates a pass, and on that, many times we have attached the letter, say P or O, or X, or something of that nature that involves the change in the pass pattern.

In the huddle, we actually designate to the individual the difference in the pass pattern. The passer at the same time is expected to learn the patterns of the pass receivers.

Chairman: Anyone like to know Harry Stuhldreher's off-tackle play?

Question: How would Harry run that off-tackle play against a loop?

Harry Stuhldreher: The weakness of the looping line, I think, is that it can be attacked in a hurry—get to it in the middle. If you catch it in the loop, usually by straight-away blocking, not relying on trapping of any sort at all, why you can handle it in pretty good shape.

I think, for that reason, there's been somewhat of a change—I know there has in our section of the country, from the looping line to the slashing line. You can get in there faster. You can upset the blocker a little bit quicker than when using the loop.

(Continued on page 72)



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Now that Bob Hope owns a piece of the Cleveland Indians and Bing Crosby a piece of the Pittsburgh Pirates, wouldn't it be wonderful if the Marx Brothers bought into the Philadelphia Athletics. Can you see Harpo chasing the blondes around the hassocks?

Our football reporters are growing up. Remember those flowery adjectives, those ecstatic phrases? You don't see so many of 'em any more. Our type-writer jockeys are beginning to realize that football players are just kids, not Titans, that football games are just games, not "titanic battles which will echo through the centuries," and that rain is just wet stuff, not "heaven-sent omens of disaster."

It's too bad. The Bob Benchleys of the world will now have to search elsewhere for material. We'll miss those chuckle-pieces. The one we recall most vividly was Benchley's piece in the *New Yorker*, titled "Football Sagas." It went like this:

"There has got to be a drastic deflation in style among football-reporters. otherwise the sportswriters are going to find themselves swirling through space on comets, with bulging eyes and throbbing temples, trying to find newer and more ecstatic ways of saying, 'Yale and Harvard played football yesterday.'"

"The language of football reporting has become so exalted that the only thing left is to have the noble words set to music and chanted by a male choir in white vestments from the top of Bald Mountain at dusk. Compared with the phrases used to describe the most tepid of mid-season games, the Latin cadences dealing with rosv-fingered Aurora and her ilk sound like stock-market quotations."

As an example of the heroic tradition of writing, there is that gem from the pen of James Robbins, of the old *World*:

"Out in the black and gold of the Army trod a lone ball-catcher. Veterans had failed in what he was to do. The score was Army 6, Notre Dame 0."

"7-11-22!" chanted the Notre Dame

Coaches' Corner

Please send all contributions to this column to Scholastic Coach, Coaches' Corner Dept., 220 East 42 St., New York 17, N. Y.

quarter. It was John (Butch) Niemiec's number being called—Niemiec, the deadly passer.

"Back of the other line was a youth who had sat an idle sideline slave, but a tiny orb among the scintillating stars, the knights of West Point castle. He was William Lester Nave, from Cleveland. He had been put in to catch the ball.

"It can't be done, but we'll try," thought his teammates.

"Bill crouched for a spring. His heels were off the grass.

"He will!" shrieked a girl's voice from the grandstand.

"Back snapped the ball. Twenty-one players in combat. Heels-over-head they tumbled as they met and lifted up.

"Off from the flying tangle was the lone ball-catcher. Over came the spiraling ball.

"Another cry rent the air above the grandstand.

"Bill!" it seemed to implore.

"Into the waiting arms of Nave, the young knight, came the oval. His arms steeled it and he jumped ahead. Off he pushed three opponents, straight-arming them away. Forty-five yards he covered before they brought him down at the goal-line.

"A crunching of flesh was untangled. A shout! A roar! A touchdown! Nave was over the line. A substitute!

"Cheer on cheer like volleyed thunder burst forth from the Army side. It was Nave! Nave! NAVE!"

Of course, adds Benchley, the fact that the Army was already one touchdown ahead when the substitute made

this run detracts a little from Mr. Robbins' plot, but having the girl in the grandstand was nothing short of inspiration. Ralph Henry Barbour in his "For the Honor of the School" series, couldn't have done it any better.

Add No. 11 to the list of high school coaches who've recently been swiped by the colleges—Jim Easterbrook, former Illinois schoolboy football mentor, now starting his first season at Beloit College.

Here's a baseball poser which stumped us recently. With bases full, two out, the batter lines one between short and third. The shortstop knocks down the ball, picks it up and throws to third. The runner coming from second overslides third and is tagged out. Before he is tagged, the runner who was originally on third, crosses the plate. Does the run count? The answer is—no. The overslide is considered a force-out.

See if you can do better on this one. With runners on second and third, one out, the batter sends a fly ball to the outfield. The runner on third tags up and scores. Meanwhile, the fielder throws to second, doubling the runner trying to get back to the bag. Does this double-play nullify the run? The answer is—no, as long as the runner on third scored before the ball reached second. The play is not considered a force.

Talk about golf fiends. A Salt Lake City doctor, upon reaching the seventh tee at the local course, received a rush call from the husband of an expectant mother. The doctor hustled to the clubhouse, showered and changed, drove to the hospital, delivered the baby—and rejoined his foursome at the 11th hole!

When Tony Lazzeri, the great second baseman of the Ruthian era, took his Third Strike last month, baseball lost one of its sharpest brains. A great

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hitter and fielder, Tony was perhaps best noted for his resourcefulness afield. In the clutch, the Yankees always looked to Tony for guidance.

His reputation as a quick-thinker is best illustrated by an anecdote now part of baseball legend. Gomez was pitching. It was the fifth inning, no one was on base and two were out. Suddenly Gomez wheeled and threw to second. The startled Lazzeri caught the ball and came rushing in to the mound. "What's the idea?" he snarled.

Gomez looked at him placidly. "It's this way, Tony," he explained. "You're so smart, I just wanted to see what you'd do with the ball."

On another occasion, with none away, Gomez loaded the bases on consecutive walks. In came Lazzeri for a conference. "Ah," thought the fans, "Tony will tell him how to get out of this hole." Gomez looked hopefully at Lazzeri, who said: "Look, you slob, you got us in this hole, now get us out."

It took Earl Quigley, track coach at Little Rock (Ark.) High, 20 years to discover you can't win 'em all. Until Fort Smith nosed out Little Rock this spring, 44-42, Quigley had never lost a meet—and he has been coaching since 1926!

Alabama is one football team that never gives its rooters heart failure. They seldom lose and when they do it's by a decisive margin. The Tide has never lost a football game by one point, and has lost only one game by a two-point margin!

Ever hear of a batter being tossed out catcher-to-centerfielder-to-third-to-first? It actually happened, and in the big leagues, too. Len Koenecke, former Dodger outfielder, once laid down a sacrifice, which Gus Mancuso, Giant catcher, gobbled up and threw to second in the hope of forcing the runner. His throw sailed into center-field.

Len stood at the plate, apparently enjoying the mechanics of the play. Meanwhile, the centerfielder made his throw to third, trying to head off the runner. Len then started legging it to first, but was thrown out by the third baseman—perhaps the longest assist in baseball history.

Remember Monty Stratton? Back in 1938 he was one of the top pitchers in the American League. That fall he lost his right leg in a hunting accident. Today, despite an artificial member, he is burning up the East Texas League. Pitching for a second division club, he has won over 20 games. What the fans love him most for, however, is a hit he almost made.

With two men on base, Monty drilled a liner over second. The centerfielder grabbed the ball on the first hop and prepared to throw to second. Suddenly the crowd gasped. Monty, two-thirds of the way to first, had fallen. His artificial leg had buckled up under him.

But Monty refused to give up. Slowly, laboriously, he started crawling to first. A last desperate lunge and he was there—but the ball had beaten him.

Monty rose, dusted himself off and walked to the mound—where he received an ovation that lasted over ten minutes. There was hardly a dry eye in the house.

They sure grow their termites big down in Leesburg, Fla. During a spring training game at Leesburg Park between the Cincinnati Reds and the Boston Red Sox, actual "box" seats had to be provided for the fans because the termites had devoured the grandstands!

What makes with l'amour these days? One S. E. Olmstead, editor of *Your Physical Welfare*, claims that "the most masculine of men have some feminine hormones in their systems." And that "most men admire rounded (not fat), shapely, firm, feminine contours. The flat, curveless, hipless, bony shape, which is so eagerly sought by a multitude of damsels, is incomprehensible to most bewildered males."

The sage then goes on to say that exercise doesn't necessarily give dames a muscular appearance. That it "helps keep women attractive and more vibrantly alive—the kind of women who appeal to the eyes and senses of sons born of women." Are there any other kind of sons?

Here is Look Magazine's all-America high school track team for 1946, picked by Dan Ferris, A.A.U. secretary-treasurer.

100-yd. dash (9.7s.)—Donald Jamison, Hanford (Cal.) H.S.

220-yd. dash (21.6s.)—Ray Gregg, El Monte (Cal.) H.S.

440-yd. run (49.3s.)—Norman Stocks, San Diego (Cal.) H.S.

880-yd. run (1:55)—William Curran, Bayonne (N.J.) H.S.

Mile run (4:20.5)—George Fullerton, Ashland (Ore.) H.S.

120-yd. high hurdles (14.3s.)—Richard Attlesley, Belle (Cal.) H.S.

220-yd. low hurdles (23.6s.)—Robert Bacon, Redondo (Cal.) H.S.

High Jump (6-5½)—William Lambeth, Maud (Okla.) H.S.

Broad jump (23-4½)—John Simmons, Hoover (Oakland, Cal.) H.S.

Shot put (59-5½)—John Helwig, Mt. Carmel (Los Angeles, Cal.) H.S.

Discus (167)—George Holm, Southwest (Minneapolis, Minn.) H.S.

Javelin (196-7)—Henry Foiles, Granby (Norfolk, Va.) H.S.

Pole vault (13-1)—George Rasmussen, Bend (Ore.) H.S.

O.K., fellers, there it is. From now on, *Coaches' Corner* is all yours. Pour in those contributions—odd records, anecdotes, twice-told tales, anything at all of interest. The department belongs to you, and you, and you. Address all correspondence: Scholastic Coach, *Coaches' Corner* Dept., 220 E. 42nd St., New York 17, N. Y.

LOU LITTLE warns against year 'round Athlete's Foot danger

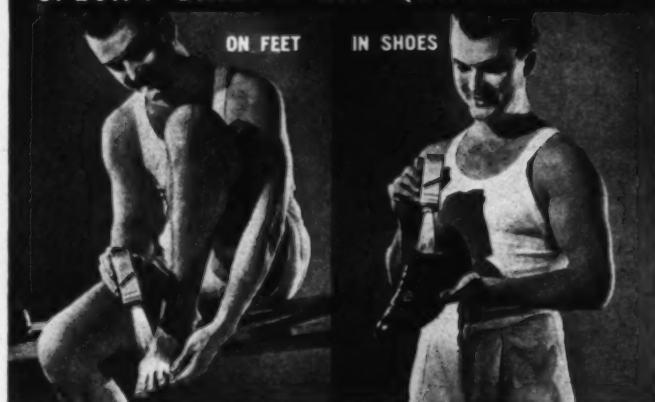
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Says Lou Little: "In my constant desire to help promote top physical fitness for young men and women, I find it necessary to keep warning against the dangers of Athlete's Foot infection *all year 'round*. I've found that daily use of soothing, protective Mennen Quinsana powder on feet and in shoes and sneakers, is a highly effective aid in prevention and relief of Athlete's Foot. Quinsana is also excellent for general foot comfort and hygiene. It is vital to keep feet fit, as healthy feet are the foundation of good health."



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YOU and Your Sportswriter

by NORRIE WEST

Last April and May, David Eisenberg, of the *New York Journal American*, contributed an unusually helpful series of two articles on coach-press relations entitled, *Meet the Press*. Norrie West, of the *San Diego Tribune-Sun*, herewith offers a fine follow-up article.

 **WHAT** high school coach hasn't at one time or another secretly wished a certain sportswriter would go jump in the lake and forget to come up?

This is not an indictment of sportswriters. As a rule, they're a pretty objective, fair-minded fraternity. Sure they make mistakes. Sure they step out of line occasionally. But who doesn't?

The way to avoid friction and insure happy press-coach relations is through a mutual understanding of the problems involved.

Many coaches do not know exactly what the reporter wants. Others do not have a clear conception of what constitutes news or feature stories.

Sometimes a reporter will bother a coach about the spelling of a player's name, or the player's first name, or any number of seemingly trivial facts concerning an athlete. But spellings must be correct, and a writer cannot use only the last name of a man.

These minor difficulties can be avoided. Here is a plan which will enable the coach to breach the gap between himself and the sportswriter, and thus assure a sound, helpful press.

The material is broken down into three main categories: (1) Basic Information the Press Needs; (2) News, Publicity and Deadlines; and, (3) Facilities for the Press. Let's deal with these as briefly as possible.

BASIC INFORMATION

Team Rosters. The ideal manner of handling these is to have the candidates fill out cards when they sign up at the initial practice.

The cards should request: (a) full name, (b) age, (c) weight, (d) height, (e) year in school, (f) previous letter awards, and (g) position played.

From this information, a roster can be compiled and typed, listing the men in alphabetical order. Copies can then be sent (at the beginning

of the pre-schedule practice period) to the local sports editors.

This will eliminate the necessity of calling the coach about name spellings, weights, heights, experience, etc. The little time spent in compiling this roster (it can be done by a team manager or assistant coach) will more than compensate for the time spent on the phone answering such questions.

Schedules. Before the beginning of each sport season, mail to the local sports editors a typewritten copy of your complete schedule, with the name of opponent, place where each game or meet will be staged, time of game, and date.

Identify in some standard manner your league games, and, if you wish, the teams your school has never played before.

PERSONAL DATA

Previous Year's Record. These should be sent along with the schedule, giving scores of all games and seasonal totals. Also state how you finished in league competition, i.e. number of games won, number lost, number tied, percentage, and position in standings.

Biographical Material on the Coaches. Brief biographical sketches of coaches can be prepared by each coach, and then typewritten and sent to the papers. This would have to be done but once, inasmuch as newspapers file this material for reference purposes. Each new coach may prepare a short, factual statement of experience and outstanding teams coached, for distribution to sports departments.

In preparing this material, the coach should list his full name, age, the schools where he coached, what sports he coached, the years (e.g. 1929-31, etc.) he coached at these schools, and, if he desires, the championship teams he coached. Such information will be welcomed by the newspapers—it will be accurate, and it will, in many instances, prompt a newspaper to publish a story about a coach.

PUBLICITY, NEWS AND DEADLINES

Publicity. Feature or "human interest" stories are sometimes difficult for an untrained person to rec-

ognize, and yet they abound in every walk of life—including coaching and athletics.

While it is difficult to define such stories categorically, illustrations may serve to clarify the basic, prevailing spirit.

For example, at Hoover High school of San Diego a student coached the gymnastics team, the only such high school team in the San Diego area. This fact was called to the writer's attention, and resulted in a 200-word story with the names of all the men and a four-column picture, which no sports reader could have missed seeing. An alert coach, anxious to see these boys get credit for their enterprise, obtained the best possible publicity for his school, raised the morale of the boys on the team, and made the reporter happy as well.

There is, even now, a very fine feature story at San Diego High, which no one has written yet. It concerns a pole vaulter who is following in his father's footsteps—the "old man" went to the nationals and was one of the best schoolboy vaulters of his day.

A picture of them both, a short article, perhaps quoting the father saying "this is how we did it back in those days," and that's about all there is to it. Any sports page will run such a story.

TIP THE REPORTER

All the coach ever has to do is to call the story to a reporter's attention—tip him off, in the jargon of the press. Certainly there must be some feature material at your school, of which the reporter is unaware. When you're talking with one of them, just casually mention it. If he doesn't take the bait, he's no reporter.

Once you've tipped off one reporter, don't make the cardinal error of tipping off his opposition, too. The next time you know of a human interest yarn, tell the other reporter about it—i.e. spread the features around, so that each sports reporter gets a shot at some story. If a sportswriter digs up a feature story himself, don't breathe a word to any other writers—it belongs to him alone.

(Continued on page 66)

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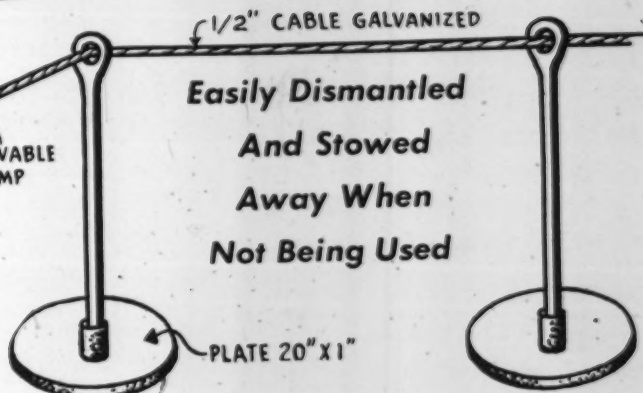
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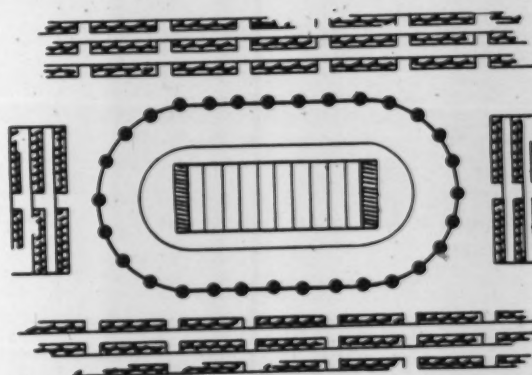
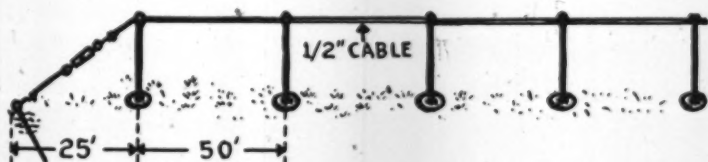
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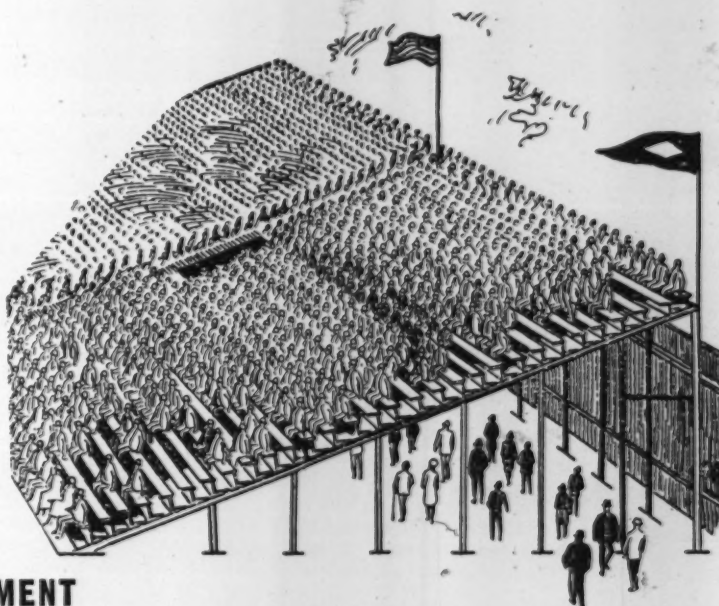
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Any newspaper runs feature stories for two basic reasons: (1) because they are human and unique; and (2) because in most instances they are exclusive.

News. Feature stories differ from news stories, inasmuch as news stories must be timely—even a delay of 24 hours in a fast-moving sequence of events may kill a story. This is not so with the feature, for it usually is as good next week as it is this week. Its time limits are broader.

Features differ from news in another sense, too. The newspaper owes it to its readers to present all the news which legally can be published, and to present that news without bias. Features do not have to be published, and the newspaper has no moral responsibility to publish them.

PUBLIC DOMAIN

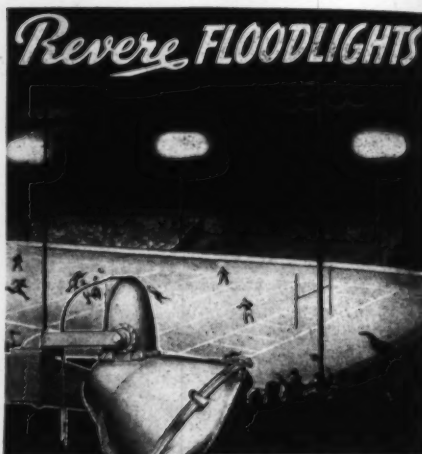
Thus, it becomes clear that the results of games, the cancellation of games, or their postponement, the injury of a star player on the eve of a crucial game, and other such facts are in actuality the property of the sports reader—the paper owes it to him to publish these things. Of course it may be poor policy to announce the loss of a star player before a game—the coach has the right to withhold such information if he honestly feels it may mean the margin between victory or defeat, but he should be judicious.

In other things, such as the cancellation or postponement of a game, etc., he should take it upon himself to see that the newspapers get such information.

The coach and the newspaper have a joint obligation to discharge. It is, in the final analysis, the sports fan who is responsible for the sports page, and certainly sports thrive, in great part, because of the sports page. Neither can live without the other.

Deadlines. Generally speaking, an afternoon paper usually begins operations about 6:30 A.M. Its staff works from that time until about 3 P.M. Morning papers usually require their staffs to be on hand from about 2 P.M. until 10 or 11 P.M. Thus, if you are calling an afternoon paper, it's obvious when you can reach them, and the same goes for the morning papers.

An afternoon paper with a street edition at about 10:30 or 11 A.M., a home edition at about 1 P.M., and a late sports-financial street edition at 3 P.M. will have deadlines at, roughly, 8:30 A.M., noon, and 2 P.M. And while your sports news should



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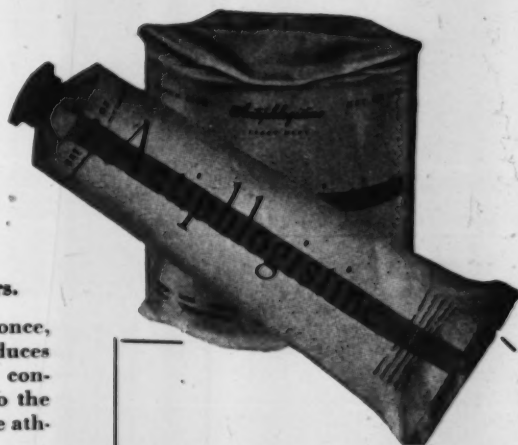
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go in the home edition, unless it's "hot," if it doesn't make the 11 A.M. street edition it may never get squeezed into the sports page at all, especially in this day of newsprint shortages.

When you can't give an afternoon paper a story the day before it should run, give it to the paper about 7 A.M. or 7:30 A.M. so you get in the first "run." The story will then carry through the other two editions. Later news of equal importance won't normally budge it, once it's in type.

Morning papers usually have a 7 P.M. (roughly) deadline for their midnight editions, and perhaps an 11 P.M. deadline for their home edition. But it's better policy to get the news in for the first run if you want to make the home edition.

As a matter of fact, the smaller dailies don't "make-over" their sports pages after the first run. If your story isn't there, it will have to wait until the next day, which may be too late.

So far as afternoon papers are concerned (and they are more difficult from a deadline standpoint than mornings), a story about an afternoon meet or game must be carried the day before the event. For example if your team plays a baseball game Friday afternoon, the afternoon paper must run the pre-game story Thursday afternoon. That usually means the sportswriter will want your lineups Wednesday preferably, but in any event, no later than his 8 A.M. deadline Thursday morning.

It is obviously silly to run a story about a game to be played at 2:30 P.M. when the home subscriber doesn't even see his paper until 3 P.M. or perhaps slightly later. Thus it must run the day before, in afternoon papers. Morning papers obviously can run their story about an afternoon or evening game the day of the game. Evening games are carried in afternoon papers the day of the game, however.

FACILITIES FOR THE PRESS

Working Press Cards. If the athletic league of which a school is a member does not issue "working press" passes or cards, the coach should enjoin the school to do so. It is a good idea to phone the sports editors and determine the number each wishes, not because an editor is going to give them to his friends, but because he may have four men, for example, on his staff any one of whom may be required to cover one of your games. The sports editor may also want to lend one to the photographer covering the game.

However, you don't have to send any to the photographic department.

On the face of the card or pass should be printed, in addition to what you normally would have there, three things: (1) the words "working press"; (2) the words "non-taxable"; and (3) the words "good for admission."

Anything else you may wish to have printed is your own concern. The collector of internal revenue does not require tax to be paid on working press cards.

The advantages of a reporter possessing a working press card are perhaps obvious—it permits the reporter entrance into the stadium, it admits him to the press box, and in cases of football games, when he is actually covering the game, it entitles him to a program, which he must have in order to identify the players.

NO MORE PROBLEMS

Furthermore, if the cards are issued for a year at a time, once they are in the hands of the sportswriters the coach's problems are over. He never has to make "special" arrangements to see that the reporter gets in.

How many times have you told a reporter: "Come around to the back entrance, and pound on the door. I'll tell the janitor to let you in."? Also if a photographer doesn't have a press card because none has been issued to the sports department, he may get chased off a football field by over-zealous officials.

Satisfactory Seat and Working Place. Although this is perhaps the most obvious need of the reporter, some schools do not have any press box, nor do they apparently care if the reporter covers the game or not. Let's take the sports individually, for clarity's sake.

Football—If there is a press box the reporter wants a seat in it, and a place on which to write. He wants a program listing the players' names, their numbers, and their positions, and giving the probable lineups. He expects the program to be furnished him without charge.

Basketball—If there is no press box, and usually there isn't in high school gyms, the reporter wants a seat at the official table where the scorer and timer sit. This enables him to see what takes place clearly, and also permits him to check with the officials for accurate data. Programs are not always necessary, although they are always helpful. The reporter can obtain the names, numbers, positions and starting lineups from the official scorebook without too much trouble.

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Track—Again the reporter wants to sit at the same table as the official scorer so that he can obtain the basic information as to the men placing in an event, and the time or distance or height of the winner. He should be allowed access to the infield, so that he may talk with the coaches, the officials, and in some cases with the contestants. If he is a good reporter and considerate of another's duties and problems he will bother no one unduly.

Baseball—As in basketball and track the reporter wants to be situated near the official scorebook, so he can verify his own scoring. This is especially true when a questionable play arises, such as a possible error, or doubtful safe hit, or infield fly, etc. He should also be able to obtain before the game commences, the batting order of the teams, and be apprised of any special ground rules.

Parking Space. This problem arises only with large crowds, particularly during the football season. The pre-season football carnival in San Diego and the Hoover-San Diego high school game drew 26,000 and 25,000 respectively last year, and it was an impossibility to find a parking place near the stadium. The former event had parking space allotted for reporters and officials, but the latter did not.

When large crowds are expected, it is well to mail out mimeographed cards which will permit the officials, reporters and other essential functionaries a place in which to park their cars. A small section for this purpose can be reserved.

SUMMARY

The coach who adopts the foregoing suggestions cannot fail to improve his relationship with the reporter and the sports editor, and he cannot fail to bring some praise upon himself for the manner in which he handles his press relations. He can, furthermore, obtain the most favorable publicity for himself, his team, his school, and amateur athletics in general.

The whole matter rests with the coach. If he wishes to follow the points laid down in this article, he stands to gain; if not, he may stand to lose. A great many coaches or their schools already employ many of these devices.

In the final analysis you, the coach, must decide what fits the situation best—the facts here are merely to guide you, if guiding is what you need. At least, now you know what the reporter expects under ideal conditions.



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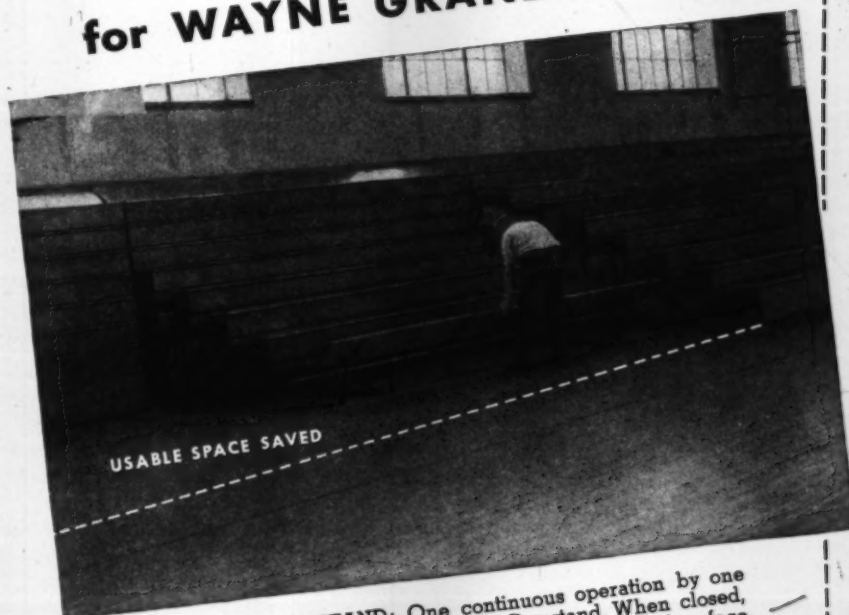
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For Your Information

(Continued from page 58)

As a matter of fact, in the Midwest we see very little looping these days, but the idea is to get to it fast and straight ahead.

Question: I would like to have someone point out the offensive advantage gained on the spread by shifting the backs on either side of the line?

Jim Phelan: We used the spread very little, but in shifting players, we merely took advantage of the old principle that Jack Wilce applied when coaching at Ohio State; merely the idea of making the defensive player check on who is eligible and who is not eligible to receive a pass.

Making a tackle eligible on one side, occasionally setting up the two ends on one side, shifting our blocker, the quarterback, up—are some of the things we did. We threw the conventional plays and, along with that, the blooper, which is known only in our own locality.

Question: I would like a discussion on the blocking of the line-backers in the T-formation, straight ahead or cross blocking.

Don Faurot: I am not sure I understand the question, but I will start by saying that in the T-formation, we favor mostly straight-away blocking of line backers so we can meet the changing defenses.

We are liable to be up against a five-, a six- or seven-man line on successive downs; sometimes it will look like a five, but will turn out to be a seven. So we try to take the men in front of us. If the man happens to be a line backer, we take him with a straight-away shoulder block.

Against a six-man line with a defensive tackle between our end and tackle, our tackle, on hand-off-plays, knocks their tackle out and our end tries to get the line-backer the best way he can.

When the play is going wide, our end can cut the tackle in, and our tackle may go through or go around the end to get the line-backer. What we try to do on a line-backer is to have a man handle him who can get him whether he is coming through or not. This makes it almost imperative to use straight-away blocking.

In the Cotton Bowl game, Texas played its line-backers very tight against Missouri, and I think it was necessary to have them taken by the men who played in front of them. We wouldn't have been able to cross-block them very well with anyone else.

Question: I would like to see a

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demonstration by one of the T-formation men, of a legal screen or brush-block.

Mr. Faurot: There has been a lot of talk about illegal blocking in the T-formation. It isn't necessary to use an illegal block. I have always thought when you block with your forearms and push with them, it is illegal, whether you use the single wing, T or anything else. It has always been illegal and always will be.

It is easy to block and raise without using your forearm or holding. Do it with your shoulder and upper arm using the head and neck as a post.

If any hunching is done, it is done with the leg or shoulder drive, and not with an elbow lead to the chin.

Our screen block isn't a brush-block, because the blocker stays with the man. He uses a little head duck to get under the defensive man and then raises high with his head as a post, forming a screen so the defensive player can't reach or dive over and get the ball-carrier.

Chairman: Don't ask any more like that, or I am going to be ruined. Here is a question directed to you, Henry. We would like to know why you let your passer raise up immediately before a run or a pass before the ball is passed?

Henry Frnka: Our tailback sets up with his hands on his knees. As the ball is passed, the back straightens up. We like to have him straighten up because we think he has a better opportunity to look the field over. We have the same kind of passes that everyone else has—the conventional choice passes, taking keys from defensive men, and the optional and the mechanical passes. With those problems in mind, it helps him to straighten up.

You say every time he straightens up it is a pass. Of course, that isn't true. You wouldn't have much offense. They would play back for you. We have a reverse attack pretty well tied up and we have a bucking attack pretty well tied up. In other words, the back stands up on the runs too. On some plays, the stand-up is optional.

Question: How about the handling of the ball in the T?

Howie Odell: The center keeps his hand perfectly straight. His hand hangs straight down under his head, and then he just swings his arm straight back without bending his elbow. The ball goes back sideways and lays with the laces across the fingers.

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New Sports Books

(Continued from page 56)

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THE COACH'S BASKETBALL SCOREBOOK. Pp. 62. Chicago: May and Halas, Inc. \$1.

COMplete is just the word for this 12-by-9¼-inch, spiral-bound basketball scorebook. Every piece of information relative to the scoring of the game and to preparation for future games against the same opponent, may be recorded in this streamlined scorebook.

Besides the traditional areas for names, scoring, personal fouls, etc., there are spaces for the height, weight, and grade of the individual opponents, summary boxes, coach's remarks on offense and defense, and at least a half-dozen other modern innovations.

Each team's activities are recorded on a separate (facing) page. In all, there is room for 31 games.

PLAY-BY-PLAY FOOTBALL-SCORING BOOK. Eddystone, Pa.: Yorke-Marion. \$2.10.

HERE'S an unusually helpful aid with which an accurate record and statistical account of every game may be made. The material is entered play-by-play by an assistant on the sideline, so that later the game may be reviewed at a glance by the coach.

There are three 11 by 8½-inch charts for every game—first half, second half and statistical resume. The actual game sheets contain (1) gridiron graphs with which to plot the action, (2) offensive charts to record the play calls and results, (3) line-ups of teams, and other such essential data.

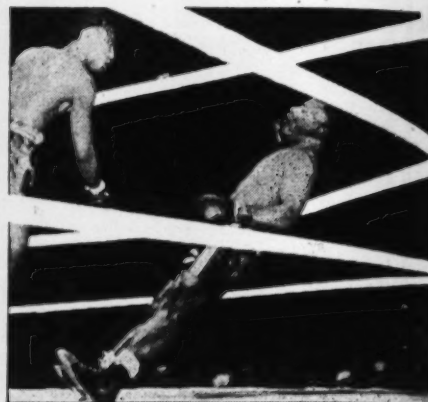
Every tackle, missed block, completed forward, fumble, punt, first down, can thus be simply recorded.

FOOTBALL VISUALIZER SCORE BOOK. Flourtown, Pa.: J. M. Hartley. \$1.

HERE'S another helpful aid in plotting and statistically summarizing football games. The actual game is plotted on two pages (first half and second half), while the summaries are entered on a third and fourth sheet.

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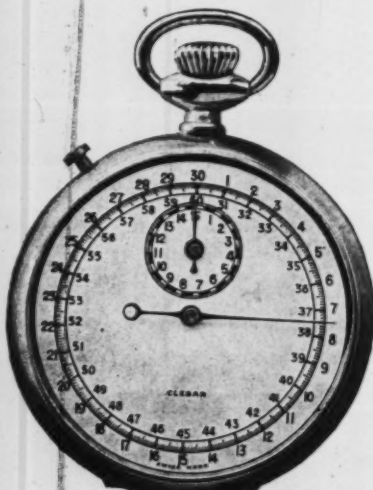
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National Federation News

"A T your service" is the theme song of every state athletic association. Each season finds them offering new types of service to member schools. Many of the central states have had full-time offices and full-time executive officers for years, and the services made possible through this development have been appreciated by the member schools.

In other sections of the country, the smaller number of member schools, lack of finances, or other local factors have made it necessary for the state association to have its work done as a part-time job by responsible school men, who have done it as a sort of "extra-curricular" chore.

Recently, the states of Tennessee, Arkansas and Florida reached the stage where a full-time office was considered essential. As a result, the association set up an independent office with a full-time executive officer in charge of the work.

In Florida, the veteran state association pioneer and leader, LaFayette Golden, has been persuaded to devote his full time to this work. His office is at Gainesville.

In Tennessee, A. F. Bridges has been chosen after a number of years of efficient service on the state board of control. He has established the central office at Trenton and is fortunate enough (in these days of housing shortage) to have space in the new high school building.

In Arkansas, J. M. Burnett, after many years of service in connection with state association work, has been elected executive secretary. His office is in Little Rock.

In addition to these three states, which have taken definite action, the Kentucky state association has authorized a full-time office to be established in 1947. The executive officer has not yet been chosen.

In Alabama, the state association has authorized a full-time office, if and when a budget can be set up to warrant such expansion. Similar action is being seriously considered in several of the other states.

If the experience of other states which have been operating with full-time staffs, can be taken as a guide, the member schools in the three listed states will find they have taken a progressive step and one which will result in great benefits to the entire athletic program. Congratulations to these state associations, both for the progressive action and for the quality of men they have chosen!

Athletic protection plans: The state-association-sponsored athletic protection work continues to grow. States such as California, Iowa, Wisconsin and New York now give accident coverage to thousands of students in addition to those who participate in interscholastic athletics.

A recent issue of the New York state athletic association bulletin contains interesting and instructive material concerning New York experiences with intramural and physical education coverage. Approximately 7,700 students are enrolled in this type of benefit plan. These are divided almost fifty-fifty among boys and girls.

The percentage of injury was 2.2% for the boys as compared with 1.6% for the girls. The greatest number of injuries by grades was in the ninth grade in which 23.8% of all injuries occurred. As far as intramural sports are concerned, there were 21 injury claims for basketball, 15 for apparatus work and 10 for volleyball.

Of the 88 injuries for which claims were entered, 33 were sprains, and 23 were bone fractures, most of them in leg or arm.

The rate for this type of coverage is 60¢ per student. It should be understood that this type of coverage does not include interscholastic athletics. The rate when such coverage is included is considerably higher.

Baseball solicitation: The solicitation agreement between the high schools and organized baseball appears to have got off to a good start. To date, there have been no cases where a boy's eligibility has been affected by such solicitation since the agreement was adopted.

There were two cases in Illinois, one in Ohio, one in Pennsylvania and two in Idaho, in which high school boys were signed to a professional contract. In each of these cases, investigation showed that the solicitation and contract activity occurred last year when the agreement merely specified that any solicitation or contract activity would be engaged in only after it was shown that such activity was not in conflict with the given state high school association rules.

As an illustration, the Illinois association rules do not make a boy ineligible merely because of the signing of a contract. He becomes ineligible only if money is exchanged in connection with the contract.

There were several cases, notably two in Texas, in which a contract was offered high school boys by a "baseball bird dog." As soon as the matter was called to the attention of the club owners, contract operations were stopped before signature, and proper measures were taken to prevent a recurrence.

This comparatively happy state of affairs is quite in contrast to the dissensions prevalent during the past few years before the baseball agreement went into effect.

(Continued on page 79)

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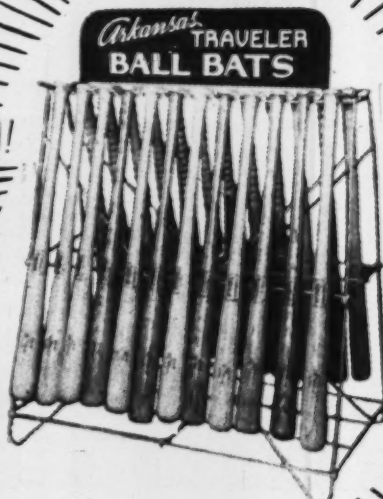
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(Continued from page 77)

Coaching clinics: Nearly every state held some type of coaching clinic during the summer. In some cases, these are in charge of the state university or of one of the teacher colleges. In a number of the states, they are in charge of the state high school association. Last year, New York inaugurated a clinic of this kind and it proved to be very successful. It was continued this year.

New Mexico is one of the states that started the practice this year. They held a coaching clinic at Albuquerque, during August. The clinic program was arranged by the state coaches association acting in conjunction with the state high school association. Secretary Sweeney and coach-association president Elwood Romney combined forces to arrange an attractive program and the state university athletic staff provided much of the talent.

In nearly all of these clinics, the new motion pictures, *Football Up-to-Date* and *Basketball Up-to-Date*, were used as a contribution to both the instruction and the entertainment.

Motion pictures in sports: The reception given the movement to provide authentic motion pictures pitched to the level of the high school game has exceeded the fondest hopes of the picture producers. Distribution is largely through the state high school association office or through an agency chosen by such office. In some cases, the state association has secured the films and arranged with the visual department of the state university or of a teacher college to service and distribute the film.

As an illustration of the demand for these films, the case of Minnesota is cited. The state association has leased 20 copies of these films and they are being routed in such a way as to be shown in each of the 500 member high schools. The premiere showing will be followed by a showing in each of the 15 or 20 district football meetings which will be in charge of these leaders.

Each of these films combines technical phases of rules administration with code and game fundamentals in a form which can be appreciated by the laymen. Each is suited for use in meetings of coaches and officials, for school assemblies, athletic banquets, or service club programs. The pictures are of professional quality. They are not pictures of a football or basketball game, but individual plays are there and stimulating game atmosphere is plentiful. These films put the football and basketball rules and play situations books on the screen. The narrating voice is that of the popular radio news commentator, Paul Harvey.

Meeting of state secretaries: During the early summer, 14 state executive secretaries met for a four-day conference to discuss items of mutual interest in connection with state association work. The National Federation secretary was also in attendance. The

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